

Subject Index

A

Adolescents

- Impact of Transcendental Meditation on Ambulatory Blood Pressure in African-American Adolescents, 366
- Out-of-Office Blood Pressure in Children and Adolescents: Disparate Findings by Using Home or Ambulatory Monitoring, 869

Adrenal medulla

- Adrenal Medulla Overactivity in Lean, Borderline Hypertensive Young Men, 611

β_2 -Adrenergic receptor

- Lack of Association Between Polymorphism in the β_2 -Adrenergic Receptor Gene, Hypertension, and Obesity in the Olivetti Heart Study, 718

Adrenergic receptors

- Adrenergic receptors in Hypertension and Heart Failure, 98

Adrenocorticotrophic hormone

- Adrenocorticotrophic Hormone, Blood Pressure, and Serum Erythropoietin Concentrations in the Rat, 457

Adrenomedullin

- Plasma Adrenomedullin and Obstructive Sleep Apnea, 74

Advanced glycation end products

- Advanced Glycation End-Product Cross-Link Breakers, 21S, 23S
- Importance of Advanced Glycation End Products in Diabetes-Associated Cardiovascular and Renal Disease, 318

African Americans. See also Race

- Antihypertensive Efficacy of Night-Time Graded-Release Diltiazem Versus Morning Amlodipine in African Americans, 734
- Arterial Stiffness Is Greater in African Americans Than in Whites, 304
- Association of Regional Fat Depots with Hypertension in Older Persons of White and African American Ethnicity, 971
- Clinical Experience with Perindopril in African-American Hypertensive Patients: A Large United States Community Trial, 134
- Effect of Slow-Release Indapamide and Perindopril Compared with Amlodipine on 24-Hour Blood Pressure and Left Ventricular Mass in Hypertensive Patients of African Ancestry, 428
- Ethnic Differences in Left Ventricular Structure: Relations to Hemodynamic and Diurnal Blood Pressure Variation, 43
- Genome Scan for Hypertension for Nonobese African Americans, 834
- Impact of Transcendental Meditation on

Ambulatory Blood Pressure in African-American Adolescents

- 366
- Relation of Endothelial Nitric Oxide Synthase Gene to Plasma Nitric Oxide Level, Endothelial Function, and Blood Pressure in African Americans, 560

Age. See also Adolescents; Children; Elderly

- Advanced Glycation End-Product Cross-Link Breakers, 21S, 23S

- Gene Polymorphisms of the Renin-Angiotensin System and Age-Related Changes in Systolic and Diastolic Blood Pressure in Subjects with Hypertension, 321

- Influence of Age and Hypertension on the Association Between Small Artery Compliance and Coronary Artery Disease, 1188

- Reduced Arterial Elasticity Is Associated with Endothelial Dysfunction in Persons of Advancing Age, 654

- Vascular Stiffening and Arterial Compliance, 398

Albuminuria

- Should Albuminuria Be a Therapeutic Target in Patients with Hypertension and Diabetes?, 118

Aldosterone

- Aldosterone Regulation for 18 Years in a Case of Primary Aldosteronism, 546

- Involvement of Oxidative Stress in the Profibrotic Action of Aldosterone, 597

- Mice Lacking Osteopontin Exhibit Increased Left Ventricular Dilation and Reduced Fibrosis After Aldosterone Infusion, 188

ALLHAT

- Family Physician Questions the Conclusions from ALLHAT, 361

Allylmercaptocaptopril

- Allylmercaptocaptopril: A New Antihypertensive Drug, 71

Alpha-adducin

- Alpha-Adducin G460W Polymorphism, Urinary Sodium Excretion, and Blood Pressure in Community-Based Samples, 385

ALT 711

- Cardiovascular and Renal Effects of a Collagen Cross-Link Breaker (ALT 711) in Adult and Aged Spontaneously Hypertensive Rats, 328

Ambulatory blood pressure monitoring. See also Blood pressure

- Comparison of Valsartan and Amlodipine on Ambulatory and Morning Blood Pressure in Hypertensive Patients, 112

- Effects of the Angiotensin II Receptor Blockers Telmisartan Versus Valsartan on the Circadian Variation of Blood Pressure, 347

Ethnic Differences in Left Ventricular Structure: Relations to Hemodynamic and Diurnal Blood Pressure Variation, 43

Impact of Transcendental Meditation on Ambulatory Blood Pressure in African-American Adolescents, 366

Out-of-Office Blood Pressure in Children and Adolescents: Disparate Findings by Using Home or Ambulatory Monitoring, 869

Perindopril Effects on Ambulatory Blood Pressure: Relation to Sympathetic Nervous Activity in Subjects with Diabetic Nephropathy, 14

Repeated Ambulatory Monitoring Reveals a Monday Morning Surge in Blood Pressure in a Community-Dwelling Population, 1179

Twenty-Four-Hour Ambulatory Blood Pressure Monitoring Efficacy of Perindopril/Indapamide First-Line Combination in Hypertensive Patients: The REASON Study, 245

White Coat Effect in Treated Versus Untreated Hypertensive Individuals: A Case-control Study Using Ambulatory and Home Blood Pressure Monitoring, 124

Ambulatory hypertension

Self-Measured Home Blood Pressure in Predicting Ambulatory Hypertension, 1017

Amlodipine

Amlodipine Attenuates Oxidative Stress-Induced Hypertension, 743

Amlodipine/Benazepril Combination Therapy for Hypertensive Patients Nonresponsive to Benazepril Monotherapy, 590

Amlodipine Increases Nitric Oxide Production in Exhaled Air During Exercise in Patients with Essential Hypertension, 729

Antihypertensive Efficacy of Night-Time Graded-Release Diltiazem Versus Morning Amlodipine in African Americans, 734

Comparison of Valsartan and Amlodipine on Ambulatory and Morning Blood Pressure in Hypertensive Patients, 112

Effect of Amlodipine-Atorvastatin Combination on Fibrinolysis in Hypertensive Hypercholesterolemic Patients with Insulin Resistance, 823

Effect of Slow-Release Indapamide and Perindopril Compared with Amlodipine on 24-Hour Blood Pressure and Left Ventricular Mass in Hypertensive Patients of African Ancestry, 428

Effects of the Angiotensin-1 Receptor Blocker Valsartan Compared with Amlodipine on Renal Hemodynamics (letter), 638

Incremental Effectiveness of Amlodipine Besylate in the Treatment of Hypertension with Single and Multiple Medication Regimens, 676

Inhibition of Oxidative Stress and Improvement of Endothelial Function by Amlodipine in Angiotensin II-infused Rats, 167

Anasarca

Concealment of Electrocardiographically Based Diagnosis of Left Ventricular Hypertrophy by Anasarca, 897

Angiogenesis

Angiotensin-Converting Enzyme Inhibition and Angiogenesis in Myocardium of Obese Zucker Rats, 172

Angiography

Aortic Pulse Pressure Is Related to the Presence and Extent of Coronary Artery Disease in Men Undergoing Diagnostic Coronary Angiography: A Multicenter Study, 129

Angiotensin-converting enzyme

Gene Polymorphisms of the Renin-Angiotensin System and Age-Related Changes in Systolic and Diastolic Blood Pressure in Subjects with Hypertension, 321

Angiotensin-converting enzyme 2

No Association of Angiotensin-Converting Enzyme 2 Gene (*ACE2*) Polymorphisms with Essential Hypertension, 624

Angiotensin-converting enzyme inhibitors. See also specific drug

Angiotensin-Converting Enzyme Inhibition and Angiogenesis in Myocardium of Obese Zucker Rats, 172

Effect of Antihypertensive Monotherapy and Combination Therapy on Arterial Distensibility and Left Ventricular Mass, 37

Effect of Different Antihypertensive Drug Classes on Central Aortic Pressure, 118

Initial Angiotensin-Converting Enzyme Inhibitor/Calcium Channel Blocker Combination Therapy Achieves Superior Blood Pressure Control Compared with Calcium Channel Blocker Monotherapy in Patients with Stage 2 Hypertension, 495

Angiotensin II

Effect of Statins on Angiotensin II-Induced Hemodynamic Changes in Young, Mildly Hypercholesterolemic Men, 1120

Effects of Angiotensin II and Insulin on ERK1/2 Activation in Fibroblasts from Hypertensive Patients, 604

Inhibition of Oxidative Stress and Improvement of Endothelial Function by Amlodipine in Angiotensin II-infused Rats, 167

Nitric Oxide Synthase Inhibition Accelerates the Pressor Response to Low-Dose Angiotensin II, Exacerbates Target Organ Damage, and Induces Renin Escape, 395

Roles of Angiotensin Type 1 and 2 Receptors in Pregnancy-Associated Blood Pressure Changes, 684

Angiotensin II receptor blockers

- Acute Vascular Effects of the Angiotensin II Receptor Antagonist Olmesartan in Normal Subjects: Relation to the Renin-Aldosterone System, 203
- Comparison of Valsartan and Amlodipine on Ambulatory and Morning Blood Pressure in Hypertensive Patients, 112
- Effects of the Angiotensin II Receptor Blockers Telmisartan Versus Valsartan on the Circadian Variation of Blood Pressure, 347

Angiotensinogen

- Angiotensinogen Gene Polymorphisms: Relationship to Blood Pressure Response to Antihypertensive Treatment, 8

Angiotensin receptor

- Effect of Sodium on Blood Pressure, Cardiac Hypertrophy, and Angiotensin Receptor Expression in Rats, 21

Angiotensin receptor blockers

- Angiotensin Receptor Blockade Improves Arterial Distensibility and Reduces Exercise-Induced Pressor Responses in Obese Hypertensive Patients with the Metabolic Syndrome, 477
- Angiotensin Receptor Blockers and Diuretics as Combination Therapy: Clinical Implications, 277

Angiotensin type 1 receptor

- Effect of Statins on Angiotensin II-Induced Hemodynamic Changes in Young, Mildly Hypercholesterolemic Men, 1120
- Roles of Angiotensin Type 1 and 2 Receptors in Pregnancy-Associated Blood Pressure Changes, 684

Angiotensin type 2 receptor

- Roles of Angiotensin Type 1 and 2 Receptors in Pregnancy-Associated Blood Pressure Changes, 684

Angiotensin type 1 receptor blockers

- Effects of the Angiotensin-1 Receptor Blocker Valsartan Compared with Amlodipine on Renal Hemodynamics (letter), 638

Antihypertensive drugs. See also specific drug

- Allylmercaptocaptopril: A New Antihypertensive Drug, 71
- Antihypertensive Medication Use in the Department of Veterans Affairs, 1095
- Effect of Antihypertensive Monotherapy and Combination Therapy on Arterial Distensibility and Left Ventricular Mass, 37
- Effect of Different Antihypertensive Drug Classes on Central Aortic Pressure, 118
- Evaluation of Antihypertensive Therapy with the Combination of Olmesartan Medoxomil and Hydrochlorothiazide, 252
- Factors Related to the Impact of Antihypertensive Treatment in Antioxidant Activities and
- Oxidative Stress By-Products in Human Hypertension, 809
- Family Physician Questions the Conclusions from ALLHAT, 361
- JNC-7 Versus Renin-Based Strategies for Optimal Antihypertensive Drug Treatment (editorial), 1002
- Longitudinal Analysis of Antihypertensive Drug Interactions in a Medicaid Population, 421
- Pravastatin Has an Additional Depressor Effect in Patients Undergoing Long-Term Treatment with Antihypertensive Drugs, 502
- Pulse Pressure Monitoring of Open Antihypertensive Therapy, 1088
- Remodeling of Resistance Arteries in Essential Hypertension and Effects of Antihypertensive Treatment, 1192
- Sildenafil Citrate for Erectile Dysfunction in Men Receiving Multiple Antihypertensive Agents, 1135

Antioxidants

- Factors Related to the Impact of Antihypertensive Treatment in Antioxidant Activities and Oxidative Stress By-Products in Human Hypertension, 809
- Treatment by N-Acetylcysteine and Melatonin Increases Cardiac Baroreflex and Improves Antioxidant Reserve, 947

Aorta. See also Ascending aorta

- Characteristic Change in Local Pulse Wave Velocity in Different Segments of the Atherosclerotic Aorta in KHC Rabbits, 181
- Expression of Heme Oxygenase-1 and Inducible Nitric Oxide Synthase in Aorta During the Development of Hypertension in Spontaneously Hypertensive Rats, 1127
- Increased Expression of mRNA for Regulator of G Protein Signaling Domain-containing Rho Guanine Nucleotide Exchange Factors in Aorta from Stroke-Prone Spontaneously Hypertensive Rats, 981
- Overexpression of Cu/Zn-Superoxide Dismutase and/or Catalase in Mice Inhibits Aorta Smooth Muscle Cell Proliferation, 450

Aortic pressure waveforms

- Validation of the Transfer Function Technique for Generating Central from Peripheral Upper Limb Pressure Waveform, 1059

Aortic pulse pressure

- Aortic Pulse Pressure Is Related to the Presence and Extent of Coronary Artery Disease in Men Undergoing Diagnostic Coronary Angiography: A Multicenter Study, 129

Aquaporin-2

- Aquaporin-2 Water Channels in Spontaneously Hypertensive Rats, 1170

Arterial compliance

Pulse Wave Analysis to Assess Vascular Compliance Changes in Stable Renal Transplant Recipients, 209

Vascular Stiffening and Arterial Compliance, 39S

Arterial distensibility

Angiotensin Receptor Blockade Improves Arterial Distensibility and Reduces Exercise-Induced Pressor Responses in Obese Hypertensive Patients with the Metabolic Syndrome, 477

Effect of Antihypertensive Monotherapy and Combination Therapy on Arterial Distensibility and Left Ventricular Mass, 37

Arterial elasticity

Reduced Arterial Elasticity Is Associated with Endothelial Dysfunction in Persons of Advancing Age, 654

Arterial function

Comparison of Arterial Assessments in Low and High Vascular Disease Risk Groups, 285

Arterial remodeling

Remodeling of Resistance Arteries in Essential Hypertension and Effects of Antihypertensive Treatment, 1192

Arterial stiffness

Arterial Stiffness Is Greater in African Americans Than in Whites, 304

Cigar Smoking Has an Acute Detrimental Effect on Arterial Stiffness, 299

Coronary Ischemic Disease, Arterial Stiffness, and Pulse Pressure (editorial), 724

Determinants of Arterial Stiffness in Offspring of Families with Essential Hypertension, 292

Determinants of Radial Artery Pulse Wave Analysis in Asymptomatic Individuals, 647

Effect of Exercise Training on Central Aortic Pressure Wave Reflection in Coronary Artery Disease, 540

Effects of Valsartan and Nifedipine Coat-Core on Systemic Arterial Stiffness in Hypertensive Patients, 1050

Intrarenal and Carotid Hemodynamics in Patients with Essential Hypertension, 240

Is Arterial Stiffness a Contributing Factor to Atrial Fibrillation in Patients with Hypertension? A Preliminary Investigation, 213

Nitric Oxide Synthase Gene Polymorphism (G894T) Influences Arterial Stiffness in Adults, 553

Validation of the Transfer Function Technique for Generating Central from Peripheral Upper Limb Pressure Waveform, 1059

Arteriosclerosis

Increased Calcium and Decreased Magnesium Concentrations and an Increased Calcium/Magnesium Ratio in Spontaneously Hypertensive Rats Versus Wistar-Kyoto Rats: Relation to Arteriosclerosis, 59

Ascending aorta. See also Aorta

Fractional Diastolic and Systolic Pressure in the Ascending Aorta Are Related to the Extent of Coronary Artery Disease, 641

Ascending aortic pressure wave indices

Ascending Aortic Pressure Wave Indices and Cardiovascular Disease (editorial), 721

Ascending aortic waveform

Inflection Point of Ascending Aortic Waveform Is a Predictive Factor for All-Cause and Cardiovascular Mortality in Patients with Chronic Renal Failure on Hemodialysis

Asymmetric dimethylarginine

Plasma Asymmetric Dimethylarginine and Coronary and Peripheral Endothelial Dysfunction in Hypertensive Patients, 802

Atenolol

Angiotensinogen Gene Polymorphisms: Relationship to Blood Pressure Response to Antihypertensive Treatment, 8

Effect of Valsartan and Atenolol on Sexual Behavior in Hypertensive Postmenopausal Women, 77

Atherosclerosis

Association Between Prehypertension Status and Inflammatory Markers Related to Atherosclerotic Disease, 568

Characteristic Change in Local Pulse Wave Velocity in Different Segments of the Atherosclerotic Aorta in KHC Rabbits, 181

Inter-Relationships of Microalbuminuria with the Other Surrogates of the Atherosclerotic Cardiovascular Disease in Hypertensive Subjects, 470

Low-Density Lipoprotein Particle Size and Coronary Atherosclerosis in Subjects Belonging to Hypertensive Sibships, 845

Racial/Ethnic Differences in Hypertension and Hypertension Treatment and Control in the Multi-Ethnic Study of Atherosclerosis (MESA), 963

Atorvastatin

Effect of Amlodipine-Atorvastatin Combination on Fibrinolysis in Hypertensive Hypercholesterolemic Patients with Insulin Resistance, 823

Atrial fibrillation

Is Arterial Stiffness a Contributing Factor to Atrial Fibrillation in Patients with Hypertension? A Preliminary Investigation, 213

Atrioventricular block

Cardiac Arrests, Atrioventricular Block, and Pheochromocytoma, 544

Augmentation index

Determinants of Arterial Stiffness in Offspring of Families with Essential Hypertension, 292

Autonomic nervous system

Blood Pressure and Cardiac Autonomic Nervous

System in Obese Type 2 Diabetic Patients: Effect of Metformin Administration, 223

Autosomal dominant polycystic kidney disease

Characteristics of Hypertension in Young Adults with Autosomal Dominant Polycystic Kidney Disease Compared with the General U.S. Population, 1029

B

Baroreflex

Treatment by N-Acetylcysteine and Melatonin Increases Cardiac Baroreflex and Improves Antioxidant Reserve, 947

Benazepril

Amlodipine/Benazepril Combination Therapy for Hypertensive Patients Nonresponsive to Benazepril Monotherapy, 590

Bendipine

Calcium Channel Blocker, Bendipine, Improves Cell Membrane Fluidity in Human Subjects via a Nitric Oxide-Dependent Mechanism, 1143

Beta-blockers

Antihypertensive Medication Use in the Department of Veterans Affairs, 1095

β -Blocker Improves Survival, Left Ventricular Function, and Myocardial Remodeling in Hypertensive Rats with Diastolic Heart Failure, 1112

Impact of Third-Generation Beta-Blocker Antihypertensive Treatment on Endothelial Function and the Prothrombotic State, 582

Blood pressure. See also Ambulatory blood pressure; Systolic blood pressure

Adrenocorticotrophic Hormone, Blood Pressure, and Serum Erythropoietin Concentrations in the Rat, 457

Alpha-Adducin G460W Polymorphism, Urinary Sodium Excretion, and Blood Pressure in Community-Based Samples, 385

Angiotensinogen Gene Polymorphisms: Relationship to Blood Pressure Response to Antihypertensive Treatment, 8

Association of Blunted Nighttime Blood Pressure Dipping with Coronary Artery Stenosis in Men, 977

Blood Pressure and Cardiac Autonomic Nervous System in Obese Type 2 Diabetic Patients: Effect of Metformin Administration, 223

Blood Pressure Variability and Silent Cerebral Damage in Essential Hypertension, 696

Blood Pressure Variability in Hypertension (editorial), 1075

Comparison of the Omron HEM-637 Wrist Monitor to the Auscultation Method with the Wrist Position Sensor On or Disabled, 54

Does Evidence-Based Medicine Suggest That

Physicians Should Not Be Measuring Blood Pressure in the Hypertensive Patient?, 354

Effect of Slow-Release Indapamide and Perindopril Compared with Amlodipine on 24-Hour Blood Pressure and Left Ventricular Mass in Hypertensive Patients of African Ancestry, 428

Effect of Sodium on Blood Pressure, Cardiac Hypertrophy, and Angiotensin Receptor Expression in Rats, 21

Effects of Olmesartan Medoxomil on Systolic Blood Pressure and Pulse Pressure in the Management of Hypertension, 690

Effects of the Angiotensin II Receptor Blockers Telmisartan Versus Valsartan on the Circadian Variation of Blood Pressure, 347

Ethnic Differences in Left Ventricular Structure: Relations to Hemodynamic and Diurnal Blood Pressure Variation, 43

Exaggerated Exercise Blood Pressure Is Related to Impaired Endothelial Vasodilator Function, 314

Families and the Natural History of Blood Pressure, 936

Female Sex Hormones, Salt, and Blood Pressure Regulation, 994

Gene Polymorphisms of the Renin-Angiotensin System and Age-Related Changes in Systolic and Diastolic Blood Pressure in Subjects with Hypertension, 321

Glucose Effectiveness Is Strongly Related to Left Ventricular Mass in Subjects with Stage I Hypertension or High-normal Blood Pressure, 146

Hypertension in Overweight and Obese Primary Care Patients Is Highly Prevalent and Poorly Controlled, 904

Incremental Effectiveness of Amlodipine Besylate in the Treatment of Hypertension with Single and Multiple Medication Regimens, 676

Initial Angiotensin-Converting Enzyme Inhibitor/Calcium Channel Blocker Combination Therapy Achieves Superior Blood Pressure Control Compared with Calcium Channel Blocker Monotherapy in Patients with Stage 2 Hypertension, 495

Morning Blood Pressure Surge and Hypertensive Cerebrovascular Disease, 668

Obstructive Sleep Apnea and Blood Pressure, 1081

One-Year Follow-Up Study of Blood Pressure and

Dietary Patterns in Dietary Approaches to Stop

Hypertension (DASH)-Sodium Participants,

1156

Out-of-Office Blood Pressure in Children and Adolescents: Disparate Findings by Using

Home or Ambulatory Monitoring, 869

Pulse Pressure Is More Susceptible to the White

Coat Effect Than Is Systolic Blood Pressure, 535

Randomized Controlled Trial of Sour Milk on Blood Pressure in Borderline Hypertensive Men, 701

Relation of Endothelial Nitric Oxide Synthase Gene to Plasma Nitric Oxide Level, Endothelial Function, and Blood Pressure in African Americans, 560

Relationship Between Changes in Neck Circumference and Changes in Blood Pressure, 409

Relationship Between Daytime Sleepiness and Blood Pressure in Healthy Older Adults, 787

Repeated Ambulatory Monitoring Reveals a Monday Morning Surge in Blood Pressure in a Community-Dwelling Population, 1179

Roles of Angiotensin Type 1 and 2 Receptors in Pregnancy-Associated Blood Pressure Changes, 684

Self-Measured Home Blood Pressure in Predicting Ambulatory Hypertension, 1017

Susceptibility of the Influence of Weight on Blood Pressure in Men Versus Women, 404

Systolic blood pressure, 49S

Time Interval Between Pairs of Arterial Blood Pressure Measurements—Does It Matter?, 194

Vascular Stiffening and Arterial Compliance, 39S

Body composition

Relationship to Body Composition to Stress-Induced Pressure Natriuresis in Youth, 1023

Body mass index

Association Between Different Measurements of Obesity and the Incidence of Hypertension, 50

Borderline hypertension

Adrenal Medulla Overactivity in Lean, Borderline Hypertensive Young Men, 611

Randomized Controlled Trial of Sour Milk on Blood Pressure in Borderline Hypertensive Men, 701

C

Calcineurin inhibitor drugs

Pulse Wave Analysis to Assess Vascular Compliance Changes in Stable Renal Transplant Recipients, 209

Calcium

Estimated Healthcare Savings Associated with Adequate Dairy Food Intake, 88

Increased Calcium and Decreased Magnesium Concentrations and an Increased Calcium/Magnesium Ratio in Spontaneously Hypertensive Rats Versus Wistar-Kyoto Rats: Relation to Arteriosclerosis, 59

Calcium channel blockers

Antihypertensive Medication Use in the Department of Veterans Affairs, 1095

Calcium Channel Blockade to Prevent Stroke in Hypertension, 817

Calcium Channel Blocker, Bendipine, Improves Cell Membrane Fluidity in Human Subjects via a Nitric Oxide-Dependent Mechanism, 1143

Effect of Antihypertensive Monotherapy and Combination Therapy on Arterial Distensibility and Left Ventricular Mass, 37

Effect of Ca^{2+} Channel Antagonists of Plasma Concentrations of Matrix Metalloproteinase-2 and -9 in Essential Hypertension, 273

Effect of Different Antihypertensive Drug Classes on Central Aortic Pressure, 118

Inhibition of Oxidative Stress and Improvement of Endothelial Function by Amlodipine in Angiotensin II-infused Rats, 167

Initial Angiotensin-Converting Enzyme Inhibitor/Calcium Channel Blocker Combination Therapy Achieves Superior Blood Pressure Control Compared with Calcium Channel Blocker Monotherapy in Patients with Stage 2 Hypertension, 495

Cardiac arrests

Cardiac Arrests, Atrioventricular Block, and Pheochromocytoma, 544

Cardiac hypertrophy

Effect of Sodium on Blood Pressure, Cardiac Hypertrophy, and Angiotensin Receptor Expression in Rats, 21

Cardiovascular disease

Advanced Glycation End-Product Cross-Link Breakers, 21S, 23S

Ascending Aortic Pressure Wave Indices and Cardiovascular Disease (editorial), 721

Importance of Advanced Glycation End Products in Diabetes-Associated Cardiovascular and Renal Disease, 31S

Insights into the Biology of Diabetic Vascular Disease: What's New?, 2S

Inter-Relationships of Microalbuminuria with the Other Surrogates of the Atherosclerotic Cardiovascular Disease in Hypertensive Subjects, 470

Prognostic Value of Home Heart Rate for Cardiovascular Mortality in the General Population, 1005

Cardiovascular events

Cardiovascular and Renal Events in Uncomplicated Mild Hypertensive Patients with Sustained and White Coat Hypertension, 876

Cardiovascular mortality

Inflection Point of Ascending Aortic Waveform Is a Predictive Factor for All-Cause and Cardiovascular Mortality in Patients with Chronic Renal Failure on Hemodialysis

Cardiovascular risk

Beyond Hypertension, 1068

Brief Comments on the Issue of Cardiovascular Risk in Diabetic Patients, 640

Matrix Metalloproteinase-9 and Tissue Inhibitor of Metalloproteinase-1 in Hypertension and Their Relationship to Cardiovascular Risk and Treatment, 764

Microalbuminuria and Cardiovascular Risk, 986

Carotid wall thickening

Close Association of Endothelial Dysfunction with Insulin Resistance and Carotid Wall Thickening in Hypertension, 228

Carvedilol

Effects of Early Carvedilol Treatment and Withdrawal on the Development of Hypertension and Renal Vascular Narrowing, 161

Caseins

Randomized, Double-Blind, Placebo-Controlled Trial of Casein Protein Hydrolysate (C12 Peptide) in Human Essential Hypertension, 1056

Catalase

Overexpression of Cu/Zn-Superoxide Dismutase and/or Catalase in Mice Inhibits Aorta Smooth Muscle Cell Proliferation, 450

Cavernous tissue

Protection of Cavernous Tissue in Male Spontaneously Hypertensive Rats, 516

Central aortic pressure

Effect of Different Antihypertensive Drug Classes on Central Aortic Pressure, 118

Central aortic pressure waveforms

Validation of the Transfer Function Technique for Generating Central from Peripheral Upper Limb Pressure Waveform, 1059

Cerebral white matter lesions

Blood Pressure Variability and Silent Cerebral Damage in Essential Hypertension, 696

Silent Cerebral White Matter Lesions and Cognitive Function in Middle-Aged Essential Hypertensive Patients, 529

Cerebrovascular disease

Morning Blood Pressure Surge and Hypertensive Cerebrovascular Disease, 668

Chest radiograph

Chest radiograph, 507

Children

Out-of-Office Blood Pressure in Children and Adolescents: Disparate Findings by Using Home or Ambulatory Monitoring, 869

Ramipril in the Treatment of Hypertension and Proteinuria in Children with Chronic Kidney Diseases, 415

China

Prevalence of Isolated Systolic and Isolated Diastolic Hypertensive Subtypes in China, 955

Chromosome 2

Linkage of Serum Creatinine and Glomerular Filtration Rate to Chromosome 2 in Utah Pedigrees, 511

Chronic kidney diseases

Ramipril in the Treatment of Hypertension and Proteinuria in Children with Chronic Kidney Diseases, 415

Chronic renal failure

Inflection Point of Ascending Aortic Waveform Is a Predictive Factor for All-Cause and Cardiovascular Mortality in Patients with Chronic Renal Failure on Hemodialysis

Cigar smoking

Cigar Smoking Has an Acute Detrimental Effect on Arterial Stiffness, 299

Circadian rhythms

Repeated Ambulatory Monitoring Reveals a Monday Morning Surge in Blood Pressure in a Community-Dwelling Population, 1179

Cognitive function

Silent Cerebral White Matter Lesions and Cognitive Function in Middle-Aged Essential Hypertensive Patients, 529

Cold pressor test

Reduced Sympathoneuronal Responses to the Cold Pressor Test in Individuals with Essential Hypertension and in Those Genetically Predisposed to Hypertension, 863

Collagen

Cardiovascular and Renal Effects of a Collagen Cross-Link Breaker (ALT 711) in Adult and Aged Spontaneously Hypertensive Rats, 328

Congestive heart failure

Nocturnal Onset Ischemic Stroke Provoked by Sleep-Disordered Breathing Advanced with Congestive Heart Failure, 636

Coronary artery calcium

Low-Density Lipoprotein Particle Size and Coronary Atherosclerosis in Subjects Belonging to Hypertensive Sibships, 845

Coronary artery disease

Aortic Pulse Pressure Is Related to the Presence and Extent of Coronary Artery Disease in Men Undergoing Diagnostic Coronary Angiography: A Multicenter Study, 129

Effect of Exercise Training on Central Aortic Pressure Wave Reflection in Coronary Artery Disease, 540

Fractional Diastolic and Systolic Pressure in the Ascending Aorta Are Related to the Extent of Coronary Artery Disease, 641

Influence of Age and Hypertension on the Association Between Small Artery Compliance and Coronary Artery Disease, 1188

Coronary artery stenosis

Association of Blunted Nighttime Blood Pressure

Dipping with Coronary Artery Stenosis in Men, 977

Coronary flow reserve
Plasma Asymmetric Dimethylarginine and Coronary and Peripheral Endothelial Dysfunction in Hypertensive Patients, 802

Coronary heart disease
Coronary Ischemic Disease, Arterial Stiffness, and Pulse Pressure (editorial), 724

Coronary ischemic disease
Coronary Ischemic Disease, Arterial Stiffness, and Pulse Pressure (editorial), 724

Coronary vasodilation
Enhanced Heme Oxygenase-Mediated Coronary Vasodilation in Dahl Salt-Sensitive Hypertension, 25

C12 peptide
Randomized, Double-Blind, Placebo-Controlled Trial of Casein Protein Hydrolysate (C12 Peptide) in Human Essential Hypertension, 1056

C-reactive protein
Prospective Study of Maternal Serum C-reactive Protein Concentrations and Risk of Preeclampsia, 154

Creatinine
Linkage of Serum Creatinine and Glomerular Filtration Rate to Chromosome 2 in Utah Pedigrees, 511

Cyclic strain
Cyclic Strain Stimulates L-Proline Transport in Vascular Smooth Muscle Cells, 712

D

Dairy foods
Estimated Healthcare Savings Associated with Adequate Dairy Food Intake, 88

Daytime sleepiness
Relationship Between Daytime Sleepiness and Blood Pressure in Healthy Older Adults, 787

Dexamethasone
Antioxidant Tempol Prevents and Partially Reverses Dexamethasone-Induced Hypertension in the Rat, 260

Diabetes mellitus
Blood Pressure and Cardiac Autonomic Nervous System in Obese Type 2 Diabetic Patients: Effect of Metformin Administration, 223
Brief Comments on the Issue of Cardiovascular Risk in Diabetic Patients, 640
Importance of Advanced Glycation End Products in Diabetes-Associated Cardiovascular and Renal Disease, 31S
Insights into the Biology of Diabetic Vascular Disease: What's New?, 2S
Lessons Learned from Recent Clinical Trials in Hypertensive Diabetics: What's Good for the Kidney Is Good for the Heart and Brain, 7S

Plasma Renin Activity Levels in Hypertensive Persons: Their Wide Range and Lack of Suppression in Diabetic and in Most Elderly Persons, 1

Prevalence of Unrecognized Abnormal Glucose Tolerance in Patients Attending a Hospital Hypertension Clinic, 483

Role of the Renin-Angiotensin-Aldosterone System in Diabetes and Its Vascular Complications, 16S

Should Albuminuria Be a Therapeutic Target in Patients with Hypertension and Diabetes?, 11S

Diabetic nephropathy
Perindopril Effects on Ambulatory Blood Pressure: Relation to Sympathetic Nervous Activity in Subjects with Diabetic Nephropathy, 14

Diastolic heart failure
 β -Blocker Improves Survival, Left Ventricular Function, and Myocardial Remodeling in Hypertensive Rats with Diastolic Heart Failure, 1112

Diastolic pressure
Fractional Diastolic and Systolic Pressure in the Ascending Aorta Are Related to the Extent of Coronary Artery Disease, 641

Diet
Estimated Healthcare Savings Associated with Adequate Dairy Food Intake, 88
One-Year Follow-Up Study of Blood Pressure and Dietary Patterns in Dietary Approaches to Stop Hypertension (DASH)-Sodium Participants, 1156

Dietary Approaches to Stop Hypertension (DASH)
One-Year Follow-Up Study of Blood Pressure and Dietary Patterns in Dietary Approaches to Stop Hypertension (DASH)-Sodium Participants, 1156

Diltiazem
Antihypertensive Efficacy of Night-Time Graded-Release Diltiazem Versus Morning Amlodipine in African Americans, 734

Dimethylarginine
Plasma Asymmetric Dimethylarginine and Coronary and Peripheral Endothelial Dysfunction in Hypertensive Patients, 802

Dipping
Association of Blunted Nighttime Blood Pressure Dipping with Coronary Artery Stenosis in Men, 977

Diuretics
Angiotensin Receptor Blockers and Diuretics as Combination Therapy: Clinical Implications, 277
Evaluation of Antihypertensive Therapy with the

Combination of Olmesartan Medoxomil and Hydrochlorothiazide, 252

Dopamine receptor type 1 gene
Ethnic Origin Determines the Impact of Genetic Variants in Dopamine Receptor Gene (*DRD1*) Concerning Essential Hypertension, 1184

Doppler imaging
Left Ventricular Hypertrophy and Its Regression in Essential Arterial Hypertension, 882

Drug interactions
Longitudinal Analysis of Antihypertensive Drug Interactions in a Medicaid Population, 421

E

Early-onset hypertension
Genome-Wide Linkage Analyses for Age at Diagnosis of Hypertension and Early-Onset Hypertension in the HyperGEN Study, 839

Elderly
Morning Blood Pressure Surge and Hypertensive Cerebrovascular Disease, 668
Plasma Renin Activity Levels in Hypertensive Persons: Their Wide Range and Lack of Suppression in Diabetic and in Most Elderly Persons, 1
Sleep Pulse Pressure and Awake Mean Pressure as Independent Predictors for Stroke in Older Hypertensive Patients, 439
Vascular Stiffening and Arterial Compliance, 39S

Electrocardiography
Concealment of Electrocardiographically Based Diagnosis of Left Ventricular Hypertrophy by Anasara, 897

Electron paramagnetic resonance
Calcium Channel Blocker, Bendipine, Improves Cell Membrane Fluidity in Human Subjects via a Nitric Oxide-Dependent Mechanism, 1143
Leptin and Membrane Fluidity of Erythrocytes in Essential Hypertension, 375

Enalapril
Omapatrilat and Enalapril in Patients with Hypertension: The Omapatrilat Cardiovascular Treatment vs. Enalapril (OCTAVE) Trial, 103

End-organ damage
Relationship Between Insulin Resistance and End-Organ Damage in White Coat Hypertension, 1011

Endothelial cells
Role of Putative Membrane Receptors in the Effects of Estradiol on Human Vascular Cell Growth, 462

Endothelial dysfunction
Close Association of Endothelial Dysfunction with Insulin Resistance and Carotid Wall Thickening in Hypertension, 228
Plasma Asymmetric Dimethylarginine and Coronary and Peripheral Endothelial Dysfunction in Hypertensive Patients, 802
Reduced Arterial Elasticity Is Associated with Endothelial Dysfunction in Persons of Advancing Age, 654
Remodeling of Resistance Arteries in Essential Hypertension and Effects of Antihypertensive Treatment, 1192
Type 5 Phosphodiesterase Inhibition by Sildenafil Abrogates Acute Smoking-Induced Endothelial Dysfunction, 1040

Endothelial function
Comparison of Arterial Assessments in Low and High Vascular Disease Risk Groups, 285
Exaggerated Exercise Blood Pressure Is Related to Impaired Endothelial Vasodilator Function, 314
Impact of Third-Generation Beta-Blocker Antihypertensive Treatment on Endothelial Function and the Prothrombotic State, 582
Inhibition of Oxidative Stress and Improvement of Endothelial Function by Amlodipine in Angiotensin II-infused Rats, 167
Relation of Endothelial Nitric Oxide Synthase Gene to Plasma Nitric Oxide Level, Endothelial Function, and Blood Pressure in African Americans, 560

Endothelial nitric oxide synthase
Gene Delivery of Endothelial Nitric Oxide Synthase into Nucleus Tractus Solitarii Induces Biphasic Response in Cardiovascular Functions of Hypertensive Rats, 63
Nitric Oxide Synthase Gene Polymorphism (G894T) Influences Arterial Stiffness in Adults, 553
No Association of the Asp298 Variant of the Endothelial Nitric Oxide Synthase Gene with Preeclampsia, 391
Relation of Endothelial Nitric Oxide Synthase Gene to Plasma Nitric Oxide Level, Endothelial Function, and Blood Pressure in African Americans, 560

Eprosartan
Effect of Eprosartan on Cytoplasmic Free Calcium Mobilization, Platelet Activation, and Microparticle Formation in Hypertension, 757
Elevation of Sympathetic Activity by Eprosartan in Young Male Subjects (letter), 281

Erectile dysfunction
Erectile Dysfunction in Essential Arterial Hypertension and Effects of Sildenafil: Results of a Spanish National Study, 139
Protection of Cavernous Tissue in Male Spontaneously Hypertensive Rats, 516
Sildenafil Citrate for Erectile Dysfunction in Men Receiving Multiple Antihypertensive Agents, 1135

ERK1/2
Effects of Angiotensin II and Insulin on ERK1/2

Activation in Fibroblasts from Hypertensive Patients, 604

Erythrocytes

- Insulin Sensitivity and Membrane Microviscosity in Hypertension (letter), 382
- Leptin and Membrane Fluidity of Erythrocytes in Essential Hypertension, 375

Erythropoietin

- Adrenocorticotrophic Hormone, Blood Pressure, and Serum Erythropoietin Concentrations in the Rat, 457
- Erythropoietin and Obstructive Sleep Apnea, 783

Essential hypertension

- Amlodipine Increases Nitric Oxide Production in Exhaled Air During Exercise in Patients with Essential Hypertension, 729
- Association Study in Essential Hypertension Using Functional Polymorphisms in Lymphotxin- α Gene, 1045
- Blood Pressure Variability and Silent Cerebral Damage in Essential Hypertension, 696
- Determinants of Arterial Stiffness in Offspring of Families with Essential Hypertension, 292
- Effect of Ca^{2+} Channel Antagonists of Plasma Concentrations of Matrix Metalloproteinase-2 and -9 in Essential Hypertension, 273
- Ethnic Origin Determines the Impact of Genetic Variants in Dopamine Receptor Gene (*DRD1*) Concerning Essential Hypertension, 1184
- Glucocorticoid Sensitivity of Circulating Monocytes in Essential Hypertension, 489
- Insulin Receptor Number Is Reduced in Healthy Offspring of Patients with Essential Hypertension, 911
- Intrarenal and Carotid Hemodynamics in Patients with Essential Hypertension, 240
- Left Ventricular Hypertrophy and Its Regression in Essential Arterial Hypertension, 882
- Leptin and Membrane Fluidity of Erythrocytes in Essential Hypertension, 375
- Mitochondrial Genome Mutations in Hypertensive Individuals, 629
- No Association of Angiotensin-Converting Enzyme 2 Gene (*ACE2*) Polymorphisms with Essential Hypertension, 624
- Randomized, Double-Blind, Placebo-Controlled Trial of Casein Protein Hydrolysate (C12 Peptide) in Human Essential Hypertension, 1056
- Reduced Sympathoneuronal Responses to the Cold Pressor Test in Individuals with Essential Hypertension and in Those Genetically Predisposed to Hypertension, 863
- Relationship Between Plasma Nitric Oxide Concentration and Insulin Resistance in Essential Hypertension, 549
- Remodeling of Resistance Arteries in Essential Hypertension and Effects of Antihypertensive Treatment, 1192
- Silent Cerebral White Matter Lesions and Cognitive Function in Middle-Aged Essential Hypertensive Patients, 529

Estradiol

- Role of Putative Membrane Receptors in the Effects of Estradiol on Human Vascular Cell Growth, 462

Ethics

- “Reliability” of Scientific Reporting: a question of ethics (letter), 1078

Ethnicity. See also Race

- Association of Regional Fat Depots with Hypertension in Older Persons of White and African American Ethnicity, 971
- Ethnic Differences in Left Ventricular Structure: Relations to Hemodynamic and Diurnal Blood Pressure Variation, 43
- Ethnic Origin Determines the Impact of Genetic Variants in Dopamine Receptor Gene (*DRD1*) Concerning Essential Hypertension, 1184
- Racial/Ethnic Differences in Hypertension and Hypertension Treatment and Control in the Multi-Ethnic Study of Atherosclerosis (MESA), 963
- Three Novel Missense Mutations of *WNK4*, a Kinase Mutated in Inherited Hypertension, in Japanese Hypertensives, 446

Evidence-based medicine

- Does Evidence-Based Medicine Suggest That Physicians Should Not Be Measuring Blood Pressure in the Hypertensive Patient?, 354

Exercise

- Amlodipine Increases Nitric Oxide Production in Exhaled Air During Exercise in Patients with Essential Hypertension, 729
- Angiotensin Receptor Blockade Improves Arterial Distensibility and Reduces Exercise-Induced Pressor Responses in Obese Hypertensive Patients with the Metabolic Syndrome, 477
- Effect of Exercise Training on Central Aortic Pressure Wave Reflection in Coronary Artery Disease, 540
- Exaggerated Exercise Blood Pressure Is Related to Impaired Endothelial Vasodilator Function, 314
- Nonpharmacologic Treatment of Hypertension by Respiratory Exercise in the Home Setting, 370

Exhaled gas analysis

- Amlodipine Increases Nitric Oxide Production in Exhaled Air During Exercise in Patients with Essential Hypertension, 729

Extracellular matrix

- Effect of Ca^{2+} Channel Antagonists of Plasma Concentrations of Matrix Metalloproteinase-2 and -9 in Essential Hypertension, 273
- Matrix Metalloproteinase-9 and Tissue Inhibitor of

Metalloproteinase-1 in Hypertension and Their Relationship to Cardiovascular Risk and Treatment, 764

F

Familial pheochromocytoma

Familial Isolated Pheochromocytoma Presenting a New Mutation in the von Hippel-Lindau Gene, 1107

Fat distribution

Association of Regional Fat Depots with Hypertension in Older Persons of White and African American Ethnicity, 971

Fibrinolysis

Effect of Amlodipine-Atorvastatin Combination on Fibrinolysis in Hypertensive Hypercholesterolemic Patients with Insulin Resistance, 823

Fibroblasts

Effects of Angiotensin II and Insulin on ERK1/2 Activation in Fibroblasts from Hypertensive Patients, 604

Fractional systolic pressure

Fractional Diastolic and Systolic Pressure in the Ascending Aorta Are Related to the Extent of Coronary Artery Disease, 641

Fructose

Attenuation of Insulin-Mediated Pressor Effect and Nitric Oxide Release in Rats with Fructose-Induced Insulin Resistance, 707

G

Gender. See also Women

Susceptibility of the Influence of Weight on Blood Pressure in Men Versus Women, 404

Genetics

Ethnic Origin Determines the Impact of Genetic Variants in Dopamine Receptor Gene (*DRD1*) Concerning Essential Hypertension, 1184

Gene Polymorphisms of the Renin-Angiotensin System and Age-Related Changes in Systolic and Diastolic Blood Pressure in Subjects with Hypertension, 321

In the Search for Stroke Genes: A Long and Winding Road, 197

Genome scan

Genome Scan for Hypertension for Nonobese African Americans, 834

Genome Scan Meta-Analysis for Hypertension, 1100

Genome-Wide Linkage Analyses for Age at Diagnosis of Hypertension and Early-Onset Hypertension in the HyperGEN Study, 839

Glomerular filtration rate

Linkage of Serum Creatinine and Glomerular

Filtration Rate to Chromosome 2 in Utah Pedigrees, 511

Glucocorticoid sensitivity

Glucocorticoid Sensitivity of Circulating Monocytes in Essential Hypertension, 489

Glucose effectiveness

Glucose Effectiveness Is Strongly Related to Left Ventricular Mass in Subjects with Stage I Hypertension or High-normal Blood Pressure, 146

Glucose tolerance

Prevalence of Unrecognized Abnormal Glucose Tolerance in Patients Attending a Hospital Hypertension Clinic, 483

Glutathione

Amlodipine Attenuates Oxidative Stress-Induced Hypertension, 743

G protein-coupled receptors

Increased Expression of mRNA for Regulator of G Protein Signaling Domain-containing Rho Guanine Nucleotide Exchange Factors in Aorta from Stroke-Prone Spontaneously Hypertensive Rats, 981

G894T

Nitric Oxide Synthase Gene Polymorphism (G894T) Influences Arterial Stiffness in Adults, 553

H

Health care

Estimated Healthcare Savings Associated with Adequate Dairy Food Intake, 88

Heart failure

Adrenergic receptors in Hypertension and Heart Failure, 98

Heart rate

Prognostic Value of Home Heart Rate for Cardiovascular Mortality in the General Population, 1005

Heme oxygenase

Enhanced Heme Oxygenase-Mediated Coronary Vasodilation in Dahl Salt-Sensitive Hypertension, 25

Heme oxygenase-1

Expression of Heme Oxygenase-1 and Inducible Nitric Oxide Synthase in Aorta During the Development of Hypertension in Spontaneously Hypertensive Rats, 1127

Hemodialysis

Association Between Hypervolemia and Ventricular Hypertrophy in Hemodialysis Patients, 1163
Inflection Point of Ascending Aortic Waveform Is a Predictive Factor for All-Cause and Cardiovascular Mortality in Patients with Chronic Renal Failure on Hemodialysis

Hemodynamics

- Central Hemodynamics of Hypertensive Disorders in Pregnancy, 941
- Effect of Statins on Angiotensin II-Induced Hemodynamic Changes in Young, Mildly Hypercholesterolemic Men, 1120
- Ethnic Differences in Left Ventricular Structure: Relations to Hemodynamic and Diurnal Blood Pressure Variation, 43
- Intrarenal and Carotid Hemodynamics in Patients with Essential Hypertension, 240

Heredity

- Families and the Natural History of Blood Pressure, 936

Home blood pressure

- Out-of-Office Blood Pressure in Children and Adolescents: Disparate Findings by Using Home or Ambulatory Monitoring, 869
- White Coat Effect in Treated Versus Untreated Hypertensive Individuals: A Case-control Study Using Ambulatory and Home Blood Pressure Monitoring, 124

Home heart rate monitoring

- Prognostic Value of Home Heart Rate for Cardiovascular Mortality in the General Population, 1005
- Self-Measured Home Blood Pressure in Predicting Ambulatory Hypertension, 1017

Hydrochlorothiazide

- Evaluation of Antihypertensive Therapy with the Combination of Olmesartan Medoxomil and Hydrochlorothiazide, 252

11 β -Hydroxysteroid dehydrogenase

- Salt Sensitivity and 11 β -Hydroxysteroid Dehydrogenase Type 2 Activity (letter), 283

Hypercholesterolemia

- Effect of Amlodipine-Atorvastatin Combination on Fibrinolysis in Hypertensive Hypercholesterolemic Patients with Insulin Resistance, 823
- Effect of Statins on Angiotensin II-Induced Hemodynamic Changes in Young, Mildly Hypercholesterolemic Men, 1120

Hyperinsulinemia

- Attenuation of Insulin-Mediated Pressor Effect and Nitric Oxide Release in Rats with Fructose-Induced Insulin Resistance, 707

Hypertension. See also Essential hypertension; White coat hypertension

- Adrenal Medulla Overactivity in Lean, Borderline Hypertensive Young Men, 611
- Adrenergic receptors in Hypertension and Heart Failure, 98
- Amlodipine Attenuates Oxidative Stress-Induced Hypertension, 743
- Amlodipine/Benazepril Combination Therapy for Hypertensive Patients Nonresponsive to Benazepril Monotherapy, 590

Amlodipine Increases Nitric Oxide Production in Exhaled Air During Exercise in Patients with Essential Hypertension, 729**Antihypertensive and Renoprotective Efficacy and Safety of Losartan, 928****Antioxidant Tempol Prevents and Partially Reverses Dexamethasone-Induced Hypertension in the Rat, 260****Association Between Different Measurements of Obesity and the Incidence of Hypertension, 50****Association of Regional Fat Depots with Hypertension in Older Persons of White and African American Ethnicity, 971****Beneficial and Deleterious Effects of Rosiglitazone on Hypertension Development in Spontaneously Hypertensive Rats, 749****Beyond Hypertension, 1068****Blood Pressure Variability and Silent Cerebral Damage in Essential Hypertension, 696****Blood Pressure Variability in Hypertension (editorial), 1075****Calcium Channel Blockade to Prevent Stroke in Hypertension, 817****Characteristics of Hypertension in Young Adults with Autosomal Dominant Polycystic Kidney Disease Compared with the General U.S. Population, 1029****Chest radiograph, 507****Clinical Experience with Perindopril in African-American Hypertensive Patients: A Large United States Community Trial, 134****Close Association of Endothelial Dysfunction with Insulin Resistance and Carotid Wall Thickening in Hypertension, 228****Comparison of Valsartan and Amlodipine on Ambulatory and Morning Blood Pressure in Hypertensive Patients, 112****Correlates of Hypertension Control in Primary Care Setting, 915****Does Evidence-Based Medicine Suggest That Physicians Should Not Be Measuring Blood Pressure in the Hypertensive Patient?, 354****Downregulation of Vascular Matrix****Metalloproteinase Inducer and Activator Proteins in Hypertensive Patients, 775****Effect of Amlodipine-Atorvastatin Combination on Fibrinolysis in Hypertensive Hypercholesterolemic Patients with Insulin Resistance, 823****Effect of Eprosartan on Cytoplasmic Free Calcium Mobilization, Platelet Activation, and Microparticle Formation in Hypertension, 757****Effect of Slow-Release Indapamide and Perindopril Compared with Amlodipine on 24-Hour Blood Pressure and Left Ventricular Mass in Hypertensive Patients of African Ancestry, 428****Effect of Valsartan and Atenolol on Sexual**

Behavior in Hypertensive Postmenopausal Women, 77

Effects of Angiotensin II and Insulin on ERK1/2 Activation in Fibroblasts from Hypertensive Patients, 604

Effects of Early Carvedilol Treatment and Withdrawal on the Development of Hypertension and Renal Vascular Narrowing, 161

Effects of Olmesartan Medoxomil on Systolic Blood Pressure and Pulse Pressure in the Management of Hypertension, 690

Effects of Valsartan and Nifedipine Coat-Core on Systemic Arterial Stiffness in Hypertensive Patients, 1050

Enhanced Heme Oxygenase-Mediated Coronary Vasodilation in Dahl Salt-Sensitive Hypertension, 25

Erectile Dysfunction in Essential Arterial Hypertension and Effects of Sildenafil: Results of a Spanish National Study, 139

Expression of Heme Oxygenase-1 and Inducible Nitric Oxide Synthase in Aorta During the Development of Hypertension in Spontaneously Hypertensive Rats, 1127

Factors Related to the Impact of Antihypertensive Treatment in Antioxidant Activities and Oxidative Stress By-Products in Human Hypertension, 809

Frequent Nurse Visits Decrease White Coat Effect in Stage III Hypertension, 523

Gene Delivery of Endothelial Nitric Oxide Synthase into Nucleus Tractus Solitarii Induces Biphasic Response in Cardiovascular Functions of Hypertensive Rats, 63

Gene Polymorphisms of the Renin-Angiotensin System and Age-Related Changes in Systolic and Diastolic Blood Pressure in Subjects with Hypertension, 321

Genome Scan for Hypertension for Nonobese African Americans, 834

Genome Scan Meta-Analysis for Hypertension, 1100

Genome-Wide Linkage Analyses for Age at Diagnosis of Hypertension and Early-Onset Hypertension in the HyperGEN Study, 839

Glucocorticoid Sensitivity of Circulating Monocytes in Essential Hypertension, 489

Glucose Effectiveness Is Strongly Related to Left Ventricular Mass in Subjects with Stage I Hypertension or High-normal Blood Pressure, 146

Hypertension in Overweight and Obese Primary Care Patients Is Highly Prevalent and Poorly Controlled, 904

Hypertension in Women, 82

Incremental Effectiveness of Amlodipine Besylate in the Treatment of Hypertension with Single and Multiple Medication Regimens, 676

Influence of Age and Hypertension on the Association Between Small Artery Compliance and Coronary Artery Disease, 1188

Initial Angiotensin-Converting Enzyme Inhibitor/Calcium Channel Blocker Combination Therapy Achieves Superior Blood Pressure Control Compared with Calcium Channel Blocker Monotherapy in Patients with Stage 2 Hypertension, 495

Insulin Sensitivity and Membrane Microviscosity in Hypertension (letter), 382

Inter-Relationships of Microalbuminuria with the Other Surrogates of the Atherosclerotic Cardiovascular Disease in Hypertensive Subjects, 470

Is Arterial Stiffness a Contributing Factor to Atrial Fibrillation in Patients with Hypertension? A Preliminary Investigation, 213

Lack of Association Between Polymorphism in the β_2 -Adrenergic Receptor Gene, Hypertension, and Obesity in the Olivetti Heart Study, 718

Lessons Learned from Recent Clinical Trials in Hypertensive Diabetics: What's Good for the Kidney Is Good for the Heart and Brain, 7S

Low-Density Lipoprotein Particle Size and Coronary Atherosclerosis in Subjects Belonging to Hypertensive Sibships, 845

Matrix Metalloproteinase-9 and Tissue Inhibitor of Metalloproteinase-1 in Hypertension and Their Relationship to Cardiovascular Risk and Treatment, 764

Mitochondrial Genome Mutations in Hypertensive Individuals, 629

Morning Blood Pressure Surge and Hypertensive Cerebrovascular Disease, 668

No Association of Angiotensin-Converting Enzyme 2 Gene (ACE2) Polymorphisms with Essential Hypertension, 624

Nonpharmacologic Treatment of Hypertension by Respiratory Exercise in the Home Setting, 370

Nurse Management for Hypertension, 921

Omapatrilat and Enalapril in Patients with Hypertension: The Omapatrilat Cardiovascular Treatment vs. Enalapril (OCTAVE) Trial, 103

One-Year Follow-Up Study of Blood Pressure and Dietary Patterns in Dietary Approaches to Stop Hypertension (DASH)-Sodium Participants, 1156

Paroxysmal Hypertension During Micturition (letter), 100

Plasma Asymmetric Dimethylarginine and Coronary and Peripheral Endothelial Dysfunction in Hypertensive Patients, 802

Plasma Renin Activity Levels in Hypertensive Persons: Their Wide Range and Lack of

Suppression in Diabetic and in Most Elderly Persons, 1

Prevalence of Isolated Systolic and Isolated Diastolic Hypertensive Subtypes in China, 955

Prevalence of Unrecognized Abnormal Glucose Tolerance in Patients Attending a Hospital Hypertension Clinic, 483

Prognostic Value of Left Ventricular Concentric Remodeling in Uncomplicated Mild Hypertension, 1035

Racial/Ethnic Differences in Hypertension and Hypertension Treatment and Control in the Multi-Ethnic Study of Atherosclerosis (MESA), 963

Ramipril in the Treatment of Hypertension and Proteinuria in Children with Chronic Kidney Diseases, 415

Randomized Controlled Trial of Sour Milk on Blood Pressure in Borderline Hypertensive Men, 701

Rationale and Design of the Avoiding Cardiovascular Events Through Combination Therapy in Patients Living with Systolic Hypertension (ACCOMPLISH) Trial, 793

Reactive Oxygen Species in Hypertension, 852

Reduced Sympathoneuronal Responses to the Cold Pressor Test in Individuals with Essential Hypertension and in Those Genetically Predisposed to Hypertension, 863

Regression of Left Ventricular Mass in Hypertensive Patients Treated with Perindopril/Indapamide as a First-line Combination, 660

Relationship Between Plasma Nitric Oxide Concentration and Insulin Resistance in Essential Hypertension, 549

Relationship Between White Blood Cell Count and Incident Hypertension, 233

Relationship Between White Blood Cell Count and Incident Hypertension (letter), 861

Role of Oxidative Stress in Salt-induced Hypertension, 31

Should Albuminuria Be a Therapeutic Target in Patients with Hypertension and Diabetes?, 11S

Spironolactone for the Treatment of Isolated Systolic Hypertension (letter), 284

Three Novel Missense Mutations of *WNK4*, a Kinase Mutated in Inherited Hypertension, in Japanese Hypertensives, 446

Tissue Inhibitor of Metalloproteinase-1 and Matrix Metalloproteinase-9 Levels in Patients with Hypertension, 770

White Coat Effect in Treated Versus Untreated Hypertensive Individuals: A Case-control Study Using Ambulatory and Home Blood Pressure Monitoring, 124

Hypertensive disorders

Central Hemodynamics of Hypertensive Disorders in Pregnancy, 941

Hypervolemia

Association Between Hypervolemia and Ventricular Hypertrophy in Hemodialysis Patients, 1163

I

Impaired glucose tolerance

Prevalence of Unrecognized Abnormal Glucose Tolerance in Patients Attending a Hospital Hypertension Clinic, 483

Indapamide

Effect of Slow-Release Indapamide and Perindopril Compared with Amlodipine on 24-Hour Blood Pressure and Left Ventricular Mass in Hypertensive Patients of African Ancestry, 428

Regression of Left Ventricular Mass in Hypertensive Patients Treated with Perindopril/Indapamide as a First-line Combination, 660

Twenty-Four-Hour Ambulatory Blood Pressure Monitoring Efficacy of Perindopril/Indapamide First-Line Combination in Hypertensive Patients: The REASON Study, 245

Inducible nitric oxide synthase

Expression of Heme Oxygenase-1 and Inducible Nitric Oxide Synthase in Aorta During the Development of Hypertension in Spontaneously Hypertensive Rats, 1127

Inflammation

Prospective Study of Maternal Serum C-reactive Protein Concentrations and Risk of Preeclampsia, 154

Relationship Between White Blood Cell Count and Incident Hypertension, 233

Transforming Growth Factor- β_1 (TGF- β_1) in Plasma Is Associated with Preeclampsia Risk in Peruvian Women with Systemic Inflammation, 334

Inflammatory markers

Association Between Prehypertension Status and Inflammatory Markers Related to Atherosclerotic Disease, 568

Insulin. See also Hyperinsulinemia

Effects of Angiotensin II and Insulin on ERK1/2 Activation in Fibroblasts from Hypertensive Patients, 604

Insulin receptor

Insulin Receptor Number Is Reduced in Healthy Offspring of Patients with Essential Hypertension, 911

Insulin resistance

Attenuation of Insulin-Mediated Pressor Effect and Nitric Oxide Release in Rats with Fructose-Induced Insulin Resistance, 707

Close Association of Endothelial Dysfunction with

Insulin Resistance and Carotid Wall Thickening in Hypertension, 228

Effect of Amlodipine-Atorvastatin Combination on Fibrinolysis in Hypertensive Hypercholesterolemic Patients with Insulin Resistance, 823

Relationship Between Insulin Resistance and End-Organ Damage in White Coat Hypertension, 1011

Relationship Between Plasma Nitric Oxide Concentration and Insulin Resistance in Essential Hypertension, 549

Insulin sensitivity

Insulin Sensitivity and Membrane Microviscosity in Hypertension (letter), 382

Irbesartan

Angiotensinogen Gene Polymorphisms: Relationship to Blood Pressure Response to Antihypertensive Treatment, 8

Ischemic stroke

Nocturnal Onset Ischemic Stroke Provoked by Sleep-Disordered Breathing Advanced with Congestive Heart Failure, 636

Isolated diastolic hypertension

Prevalence of Isolated Systolic and Isolated Diastolic Hypertensive Subtypes in China, 955

Isolated malignant hypertension

Polyarteritis Nodosa Presenting as Isolated Malignant Hypertension, 380

Isolated systolic hypertension

Prevalence of Isolated Systolic and Isolated Diastolic Hypertensive Subtypes in China, 955

Spironolactone for the Treatment of Isolated Systolic Hypertension (letter), 284

J

JNC-7

JNC-7 Versus Renin-Based Strategies for Optimal Antihypertensive Drug Treatment (editorial), 1002

K

Kidneys

Characteristics of Hypertension in Young Adults with Autosomal Dominant Polycystic Kidney Disease Compared with the General U.S. Population, 1029

L

Left ventricular concentric remodeling

Prognostic Value of Left Ventricular Concentric Remodeling in Uncomplicated Mild Hypertension, 1035

Left ventricular dilation

Mice Lacking Osteopontin Exhibit Increased Left Ventricular Dilation and Reduced Fibrosis After Aldosterone Infusion, 188

Left ventricular function

β -Blocker Improves Survival, Left Ventricular Function, and Myocardial Remodeling in Hypertensive Rats with Diastolic Heart Failure, 1112

Left ventricular hypertrophy

Association Between Hypervolemia and Ventricular Hypertrophy in Hemodialysis Patients, 1163

Concealment of Electrocardiographically Based Diagnosis of Left Ventricular Hypertrophy by Anascaria, 897

Cross-Sectional Relations of Urinary Sodium Excretion to Cardiac Structure and Hypertrophy, 891

Ethnic Differences in Left Ventricular Structure: Relations to Hemodynamic and Diurnal Blood Pressure Variation, 43

Is Atrial Stiffness a Contributing Factor to Atrial Fibrillation in Patients with Hypertension? A Preliminary Investigation, 213

Left Ventricular Hypertrophy and Its Regression in Essential Arterial Hypertension, 882

Myocardial Blood Flow and Efficiency in Concentric and Eccentric Left Ventricular Hypertrophy, 433

Tissue Inhibitor of Metalloproteinase-1 and Matrix Metalloproteinase-9 Levels in Patients with Hypertension, 770

Left ventricular mass

Association of Inappropriate Left Ventricular Mass with Systolic and Diastolic Dysfunction, 828

Effect of Antihypertensive Monotherapy and Combination Therapy on Arterial Distensibility and Left Ventricular Mass, 37

Effect of Slow-Release Indapamide and Perindopril Compared with Amlodipine on 24-Hour Blood Pressure and Left Ventricular Mass in Hypertensive Patients of African Ancestry, 428

Glucose Effectiveness Is Strongly Related to Left Ventricular Mass in Subjects with Stage I Hypertension or High-normal Blood Pressure, 146

Regression of Left Ventricular Mass in Hypertensive Patients Treated with Perindopril/Indapamide as a First-line Combination, 660

Leptin

Leptin and Membrane Fluidity of Erythrocytes in Essential Hypertension, 375

Lipids

Maternal Plasma Lipid Concentrations in Early Pregnancy and Risk of Preeclampsia, 574

Local pulse wave velocity

Characteristic Change in Local Pulse Wave Velocity in Different Segments of the Atherosclerotic Aorta in KHC Rabbits, 181

Losartan

Antihypertensive and Renoprotective Efficacy and Safety of Losartan, 928

Low-density lipoprotein

Low-Density Lipoprotein Particle Size and Coronary Atherosclerosis in Subjects Belonging to Hypertensive Sibships, 845

L-proline

Cyclic Strain Stimulates L-Proline Transport in Vascular Smooth Muscle Cells, 712

Lymphotoxin- α

Association Study in Essential Hypertension Using Functional Polymorphisms in Lymphotoxin- α Gene, 1045

M**Magnesium**

Increased Calcium and Decreased Magnesium Concentrations and an Increased Calcium/Magnesium Ratio in Spontaneously Hypertensive Rats Versus Wistar-Kyoto Rats: Relation to Arteriosclerosis, 59

Matrix metalloproteinase-1

Downregulation of Vascular Matrix Metalloproteinase Inducer and Activator Proteins in Hypertensive Patients, 775
Effect of Ca^{2+} Channel Antagonists of Plasma Concentrations of Matrix Metalloproteinase-2 and -9 in Essential Hypertension, 273

Matrix metalloproteinase-9

Downregulation of Vascular Matrix Metalloproteinase Inducer and Activator Proteins in Hypertensive Patients, 775
Effect of Ca^{2+} Channel Antagonists of Plasma Concentrations of Matrix Metalloproteinase-2 and -9 in Essential Hypertension, 273
Matrix Metalloproteinase-9 and Tissue Inhibitor of Metalloproteinase-1 in Hypertension and Their Relationship to Cardiovascular Risk and Treatment, 764
Tissue Inhibitor of Metalloproteinase-1 and Matrix Metalloproteinase-9 Levels in Patients with Hypertension, 770

Mean blood pressure

Sleep Pulse Pressure and Awake Mean Pressure as Independent Predictors for Stroke in Older Hypertensive Patients, 439

Medicaid

Longitudinal Analysis of Antihypertensive Drug Interactions in a Medicaid Population, 421

Meditation

Impact of Transcendental Meditation on Ambulatory Blood Pressure in African-American Adolescents, 366

Melatonin

Inhibitory Effect of Melatonin on α_1 -Adrenergic-

Induced Vasoconstriction in Mesenteric Beds of Spontaneously Hypertensive Rats, 339

Treatment by N-Acetylcysteine and Melatonin Increases Cardiac Baroreflex and Improves Antioxidant Reserve, 947

Meta-analysis

Genome Scan Meta-Analysis for Hypertension, 1100

Metabolic syndrome

Angiotensin Receptor Blockade Improves Arterial Distensibility and Reduces Exercise-Induced Pressor Responses in Obese Hypertensive Patients with the Metabolic Syndrome, 477
Relationship Between Changes in Neck Circumference and Changes in Blood Pressure, 409

Metformin

Blood Pressure and Cardiac Autonomic Nervous System in Obese Type 2 Diabetic Patients: Effect of Metformin Administration, 223

Mice. See also Rats

Mice Lacking Osteopontin Exhibit Increased Left Ventricular Dilation and Reduced Fibrosis After Aldosterone Infusion, 188
Overexpression of Cu/Zn-Superoxide Dismutase and/or Catalase in Mice Inhibits Aorta Smooth Muscle Cell Proliferation, 450

Microalbuminuria

Inter-Relationships of Microalbuminuria with the Other Surrogates of the Atherosclerotic Cardiovascular Disease in Hypertensive Subjects, 470

Microalbuminuria and Cardiovascular Risk, 986

Micturition

Paroxysmal Hypertension During Micturition (letter), 100

Mitochondrial genome

Mitochondrial Genome Mutations in Hypertensive Individuals, 629

Monocytes

Glucocorticoid Sensitivity of Circulating Monocytes in Essential Hypertension, 489

Mortality

Inflection Point of Ascending Aortic Waveform Is a Predictive Factor for All-Cause and Cardiovascular Mortality in Patients with Chronic Renal Failure on Hemodialysis

mRNA

Increased Expression of mRNA for Regulator of G Protein Signaling Domain-containing Rho Guanine Nucleotide Exchange Factors in Aorta from Stroke-Prone Spontaneously Hypertensive Rats, 981

Myocardial blood flow

Myocardial Blood Flow and Efficiency in Concentric and Eccentric Left Ventricular Hypertrophy, 433

Myocardial remodeling

β -Blocker Improves Survival, Left Ventricular Function, and Myocardial Remodeling in Hypertensive Rats with Diastolic Heart Failure, 1112

Myocardium

Angiotensin-Converting Enzyme Inhibition and Angiogenesis in Myocardium of Obese Zucker Rats, 172

N**N-Acetylcysteine**

Treatment by N-Acetylcysteine and Melatonin Increases Cardiac Baroreflex and Improves Antioxidant Reserve, 947

Neck circumference

Relationship Between Changes in Neck Circumference and Changes in Blood Pressure, 409

Nifedipine

Effects of Valsartan and Nifedipine Coat-Core on Systemic Arterial Stiffness in Hypertensive Patients, 1050

Nighttime blood pressure dipping

Association of Blunted Nighttime Blood Pressure Dipping with Coronary Artery Stenosis in Men, 977

Nitric oxide

Amlodipine Increases Nitric Oxide Production in Exhaled Air During Exercise in Patients with Essential Hypertension, 729

Attenuation of Insulin-Mediated Pressor Effect and Nitric Oxide Release in Rats with Fructose-Induced Insulin Resistance, 707

Calcium Channel Blocker, Bendipine, Improves Cell Membrane Fluidity in Human Subjects via a Nitric Oxide-Dependent Mechanism, 1143

Gene Delivery of Endothelial Nitric Oxide Synthase into Nucleus Tractus Solitarii Induces Biphasic Response in Cardiovascular Functions of Hypertensive Rats, 63

Relation of Endothelial Nitric Oxide Synthase Gene to Plasma Nitric Oxide Level, Endothelial Function, and Blood Pressure in African Americans, 560

Relationship Between Plasma Nitric Oxide Concentration and Insulin Resistance in Essential Hypertension, 549

Nitric oxide synthase

Gene Delivery of Endothelial Nitric Oxide Synthase into Nucleus Tractus Solitarii Induces Biphasic Response in Cardiovascular Functions of Hypertensive Rats, 63

Nitric Oxide Synthase Gene Polymorphism (G894T) Influences Arterial Stiffness in Adults, 553

Nitric Oxide Synthase Inhibition Accelerates the

Pressor Response to Low-Dose Angiotensin II, Exacerbates Target Organ Damage, and Induces Renin Escape, 395

No Association of the Asp298 Variant of the Endothelial Nitric Oxide Synthase Gene with Preeclampsia, 391

Relation of Endothelial Nitric Oxide Synthase Gene to Plasma Nitric Oxide Level, Endothelial Function, and Blood Pressure in African Americans, 560

Nucleus tractus solitarii

Gene Delivery of Endothelial Nitric Oxide Synthase into Nucleus Tractus Solitarii Induces Biphasic Response in Cardiovascular Functions of Hypertensive Rats, 63

Nurse management

Nurse Management for Hypertension, 921

O**Obesity**

Adrenal Medulla Overactivity in Lean, Borderline Hypertensive Young Men, 611

Angiotensin Receptor Blockade Improves Arterial Distensibility and Reduces Exercise-Induced Pressor Responses in Obese Hypertensive Patients with the Metabolic Syndrome, 477

Association Between Different Measurements of Obesity and the Incidence of Hypertension, 50

Blood Pressure and Cardiac Autonomic Nervous System in Obese Type 2 Diabetic Patients: Effect of Metformin Administration, 223

Hypertension in Overweight and Obese Primary Care Patients Is Highly Prevalent and Poorly Controlled, 904

Lack of Association Between Polymorphism in the β_2 -Adrenergic Receptor Gene, Hypertension, and Obesity in the Olivetti Heart Study, 718

Susceptibility of the Influence of Weight on Blood Pressure in Men Versus Women, 404

Obstructive sleep apnea

Erythropoietin and Obstructive Sleep Apnea, 783

Obstructive Sleep Apnea and Blood Pressure, 1081

Plasma Adrenomedullin and Obstructive Sleep Apnea, 74

Older adults. See also Elderly

Association of Regional Fat Depots with Hypertension in Older Persons of White and African American Ethnicity, 971

Relationship Between Daytime Sleepiness and Blood Pressure in Healthy Older Adults, 787

Olmesartan

Acute Vascular Effects of the Angiotensin II Receptor Antagonist Olmesartan in Normal Subjects: Relation to the Renin-Aldosterone System, 203

Effects of Olmesartan Medoxomil on Systolic Blood

Pressure and Pulse Pressure in the Management of Hypertension, 690

Evaluation of Antihypertensive Therapy with the Combination of Olmesartan Medoxomil and Hydrochlorothiazide, 252

Omapatrilat
Omapatrilat and Enalapril in Patients with Hypertension: The Omapatrilat Cardiovascular Treatment vs. Enalapril (OCTAVE) Trial, 103

Omron HEM-637 monitor
Comparison of the Omron HEM-637 Wrist Monitor to the Auscultation Method with the Wrist Position Sensor On or Disabled, 54

Osteopontin
Mice Lacking Osteopontin Exhibit Increased Left Ventricular Dilation and Reduced Fibrosis After Aldosterone Infusion, 188

Ouabain
New Ouabain-Conjugated Peptide Found from Phage Displayed Peptide Library, 619

Oxidative stress
Amlodipine Attenuates Oxidative Stress-Induced Hypertension, 743
Antioxidant Tempol Prevents and Partially Reverses Dexamethasone-Induced Hypertension in the Rat, 260
Factors Related to the Impact of Antihypertensive Treatment in Antioxidant Activities and Oxidative Stress By-Products in Human Hypertension, 809
Inhibition of Oxidative Stress and Improvement of Endothelial Function by Amlodipine in Angiotensin II-infused Rats, 167
Involvement of Oxidative Stress in the Profibrotic Action of Aldosterone, 597
Role of Oxidative Stress in Salt-induced Hypertension, 31

P

Parathyroid cells
Regulation of Parathyroid Hypertensive Factor Secretion by Ca^{2+} in Spontaneously Hypertensive Rat Parathyroid Cells, 266

Parathyroid hypertensive factor
Regulation of Parathyroid Hypertensive Factor Secretion by Ca^{2+} in Spontaneously Hypertensive Rat Parathyroid Cells, 266

Paroxysmal hypertension
Paroxysmal Hypertension During Micturition (letter), 100

Pediatrics. See Children

Peptide library
New Ouabain-Conjugated Peptide Found from Phage Displayed Peptide Library, 619

Perindopril
Clinical Experience with Perindopril in African-American Hypertensive Patients: A Large United States Community Trial, 134
Effect of Slow-Release Indapamide and Perindopril Compared with Amlodipine on 24-Hour Blood Pressure and Left Ventricular Mass in Hypertensive Patients of African Ancestry, 428
Perindopril Effects on Ambulatory Blood Pressure: Relation to Sympathetic Nervous Activity in Subjects with Diabetic Nephropathy, 14
Regression of Left Ventricular Mass in Hypertensive Patients Treated with Perindopril/Indapamide as a First-line Combination, 660
Twenty-Four-Hour Ambulatory Blood Pressure Monitoring Efficacy of Perindopril/Indapamide First-Line Combination in Hypertensive Patients: The REASON Study, 245

Peroxisome proliferator-activated receptors
Beneficial and Deleterious Effects of Rosiglitazone on Hypertension Development in Spontaneously Hypertensive Rats, 749

Pheochromocytoma
Cardiac Arrests, Atrioventricular Block, and Pheochromocytoma, 544
Familial Isolated Pheochromocytoma Presenting a New Mutation in the von Hippel-Lindau Gene, 1107

Phosphodiesterase type 5 inhibition
Type 5 Phosphodiesterase Inhibition by Sildenafil Abrogates Acute Smoking-Induced Endothelial Dysfunction, 1040

Physicians
Does Evidence-Based Medicine Suggest That Physicians Should Not Be Measuring Blood Pressure in the Hypertensive Patient?, 354
Family Physician Questions the Conclusions from ALLHAT, 361

Plagiarism
Plagiarism and Scientific Misconduct (editorial), 1077

Plasma
Transforming Growth Factor- β_1 (TGF- β_1) in Plasma Is Associated with Preeclampsia Risk in Peruvian Women with Systemic Inflammation, 334

Platelets
Effect of Eprosartan on Cytoplasmic Free Calcium Mobilization, Platelet Activation, and Microparticle Formation in Hypertension, 757

Polyarteritis nodosa
Polyarteritis Nodosa Presenting as Isolated Malignant Hypertension, 380

Polymorphisms
Angiotensinogen Gene Polymorphisms: Relationship to Blood Pressure Response to Antihypertensive Treatment, 8
Association Study in Essential Hypertension Using

Functional Polymorphisms in Lymphotxin- α Gene, 1045

Lack of Association Between Polymorphism in the β_2 -Adrenergic Receptor Gene, Hypertension, and Obesity in the Olivetti Heart Study, 718

No Association of the Asp298 Variant of the Endothelial Nitric Oxide Synthase Gene with Preeclampsia, 391

Postmenopausal women. See also Women

Effect of Valsartan and Atenolol on Sexual Behavior in Hypertensive Postmenopausal Women, 77

Pravastatin

Pravastatin Has an Additional Depressor Effect in Patients Undergoing Long-Term Treatment with Antihypertensive Drugs, 502

Preeclampsia

Central Hemodynamics of Hypertensive Disorders in Pregnancy, 941

Maternal Plasma Lipid Concentrations in Early Pregnancy and Risk of Preeclampsia, 574

No Association of the Asp298 Variant of the Endothelial Nitric Oxide Synthase Gene with Preeclampsia, 391

Prospective Study of Maternal Serum C-reactive Protein Concentrations and Risk of Preeclampsia, 154

Transforming Growth Factor- β_1 (TGF- β_1) in Plasma Is Associated with Preeclampsia Risk in Peruvian Women with Systemic Inflammation, 334

Pregnancy

Central Hemodynamics of Hypertensive Disorders in Pregnancy, 941

Maternal Plasma Lipid Concentrations in Early Pregnancy and Risk of Preeclampsia, 574

Prospective Study of Maternal Serum C-reactive Protein Concentrations and Risk of Preeclampsia, 154

Roles of Angiotensin Type 1 and 2 Receptors in Pregnancy-Associated Blood Pressure Changes, 684

Pregnancy-induced hypertension. See Preeclampsia

Prehypertension

Association Between Prehypertension Status and Inflammatory Markers Related to Atherosclerotic Disease, 568

Pressure natriuresis

Relationship to Body Composition to Stress-Induced Pressure Natriuresis in Youth, 1023

Primary aldosteronism

Aldosterone Regulation for 18 Years in a Case of Primary Aldosteronism, 546

Primary care

Correlates of Hypertension Control in Primary Care Setting, 915

Hypertension in Overweight and Obese Primary Care Patients Is Highly Prevalent and Poorly Controlled, 904

Probucol

Pravastatin Has an Additional Depressor Effect in Patients Undergoing Long-Term Treatment with Antihypertensive Drugs, 502

Proteinuria

Ramipril in the Treatment of Hypertension and Proteinuria in Children with Chronic Kidney Diseases, 415

Prothrombotic state

Impact of Third-Generation Beta-Blocker Antihypertensive Treatment on Endothelial Function and the Prothrombotic State, 582

Pseudohypoaldosteronism

Three Novel Missense Mutations of *WNK4*, a Kinase Mutated in Inherited Hypertension, in Japanese Hypertensives, 446

Pulsatility index

Intrarenal and Carotid Hemodynamics in Patients with Essential Hypertension, 240

Pulse pressure

Aortic Pulse Pressure Is Related to the Presence and Extent of Coronary Artery Disease in Men Undergoing Diagnostic Coronary Angiography: A Multicenter Study, 129

Coronary Ischemic Disease, Arterial Stiffness, and Pulse Pressure (editorial), 724

Effects of Olmesartan Medoxomil on Systolic Blood Pressure and Pulse Pressure in the Management of Hypertension, 690

Pulse Pressure Is More Susceptible to the White Coat Effect Than Is Systolic Blood Pressure, 535

Pulse Pressure Monitoring of Open Antihypertensive Therapy, 1088

Sleep Pulse Pressure and Awake Mean Pressure as Independent Predictors for Stroke in Older Hypertensive Patients, 439

Pulse wave analysis

Comparison of Arterial Assessments in Low and High Vascular Disease Risk Groups, 285

Determinants of Radial Artery Pulse Wave Analysis in Asymptomatic Individuals, 647

Pulse Wave Analysis to Assess Vascular Compliance Changes in Stable Renal Transplant Recipients, 209

Reduced Arterial Elasticity Is Associated with Endothelial Dysfunction in Persons of Advancing Age, 654

Pulse wave velocity

Characteristic Change in Local Pulse Wave Velocity in Different Segments of the Atherosclerotic Aorta in KHC Rabbits, 181

Determinants of Arterial Stiffness in Offspring of Families with Essential Hypertension, 292

Exaggerated Exercise Blood Pressure Is Related to Impaired Endothelial Vasodilator Function, 314

R

Race. See also **African Americans**

Racial/Ethnic Differences in Hypertension and Hypertension Treatment and Control in the Multi-Ethnic Study of Atherosclerosis (MESA), 963

Radial artery pulse

Determinants of Radial Artery Pulse Wave Analysis in Asymptomatic Individuals, 647

Radiographs

Chest radiograph, 507

Ramipril

Ramipril in the Treatment of Hypertension and Proteinuria in Children with Chronic Kidney Diseases, 415

Randomized trials

Randomized, Double-Blind, Placebo-Controlled Trial of Casein Protein Hydrolysate (C12 Peptide) in Human Essential Hypertension, 1056

Randomized Controlled Trial of Sour Milk on Blood Pressure in Borderline Hypertensive Men, 701

Rationale and Design of the Avoiding Cardiovascular Events Through Combination Therapy in Patients Living with Systolic Hypertension (ACCOMPLISH) Trial, 793

Rats

Adrenocorticotrophic Hormone, Blood Pressure, and Serum Erythropoietin Concentrations in the Rat, 457

Angiotensin-Converting Enzyme Inhibition and Angiogenesis in Myocardium of Obese Zucker Rats, 172

Antioxidant Tempol Prevents and Partially Reverses Dexamethasone-Induced Hypertension in the Rat, 260

Aquaporin-2 Water Channels in Spontaneously Hypertensive Rats, 1170

Attenuation of Insulin-Mediated Pressor Effect and Nitric Oxide Release in Rats with Fructose-Induced Insulin Resistance, 707

Beneficial and deleterious Effects of Rosiglitazone on Hypertension Development in Spontaneously Hypertensive Rats, 749

β -Blocker Improves Survival, Left Ventricular Function, and Myocardial Remodeling in Hypertensive Rats with Diastolic Heart Failure, 1112

Cardiovascular and Renal Effects of a Collagen Cross-Link Breaker (ALT 711) in Adult and Aged Spontaneously Hypertensive Rats, 328

Effect of Sodium on Blood Pressure, Cardiac

Hypertrophy, and Angiotensin Receptor Expression in Rats, 21

Effects of Early Carvedilol Treatment and Withdrawal on the Development of Hypertension and Renal Vascular Narrowing, 161

Enhanced Heme Oxygenase-Mediated Coronary Vasodilation in Dahl Salt-Sensitive Hypertension, 25

Expression of Heme Oxygenase-1 and Inducible Nitric Oxide Synthase in Aorta During the Development of Hypertension in Spontaneously Hypertensive Rats, 1127

Gene Delivery of Endothelial Nitric Oxide Synthase into Nucleus Tractus Solitarii Induces Biphasic Response in Cardiovascular Functions of Hypertensive Rats, 63

Increased Calcium and Decreased Magnesium Concentrations and an Increased Calcium/Magnesium Ratio in Spontaneously Hypertensive Rats Versus Wistar-Kyoto Rats: Relation to Arteriosclerosis, 59

Increased Expression of mRNA for Regulator of G Protein Signaling Domain-containing Rho Guanine Nucleotide Exchange Factors in Aorta from Stroke-Prone Spontaneously Hypertensive Rats, 981

Inhibition of Oxidative Stress and Improvement of Endothelial Function by Amlodipine in Angiotensin II-infused Rats, 167

Inhibitory Effect of Melatonin on α_1 -Adrenergic-Induced Vasoconstriction in Mesenteric Beds of Spontaneously Hypertensive Rats, 339

Protection of Cavernous Tissue in Male Spontaneously Hypertensive Rats, 516

Regulation of Parathyroid Hypertensive Factor Secretion by Ca^{2+} in Spontaneously Hypertensive Rat Parathyroid Cells, 266

Role of Oxidative Stress in Salt-induced Hypertension, 31

Treatment by N-Acetylcysteine and Melatonin Increases Cardiac Baroreflex and Improves Antioxidant Reserve, 947

Reactive oxygen species

Reactive Oxygen Species in Hypertension, 852

Renal disease

Importance of Advanced Glycation End Products in Diabetes-Associated Cardiovascular and Renal Disease, 318

Renal disorders

Antihypertensive and Renoprotective Efficacy and Safety of Losartan, 928

Renal failure

Inflection Point of Ascending Aortic Waveform Is a Predictive Factor for All-Cause and Cardiovascular Mortality in Patients with Chronic Renal Failure on Hemodialysis

Renal hemodynamics

Effects of the Angiotensin-1 Receptor Blocker Valsartan Compared with Amlodipine on Renal Hemodynamics (letter), 638

Renal transplantation

Pulse Wave Analysis to Assess Vascular Compliance Changes in Stable Renal Transplant Recipients, 209

Renal vascular narrowing

Effects of Early Carvedilol Treatment and Withdrawal on the Development of Hypertension and Renal Vascular Narrowing, 161

Renin

JNC-7 Versus Renin-Based Strategies for Optimal Antihypertensive Drug Treatment (editorial), 1002

Nitric Oxide Synthase Inhibition Accelerates the Pressor Response to Low-Dose Angiotensin II, Exacerbates Target Organ Damage, and Induces Renin Escape, 395

Plasma Renin Activity Levels in Hypertensive Persons: Their Wide Range and Lack of Suppression in Diabetic and in Most Elderly Persons, 1

Renin-aldosterone system

Acute Vascular Effects of the Angiotensin II Receptor Antagonist Olmesartan in Normal Subjects: Relation to the Renin-Aldosterone System, 203

Renin-angiotensin-aldosterone system

Angiotensin Receptor Blockers and Diuretics as Combination Therapy: Clinical Implications, 277

Insights into the Biology of Diabetic Vascular Disease: What's New?, 2S

Lessons Learned from Recent Clinical Trials in Hypertensive Diabetics: What's Good for the Kidney Is Good for the Heart and Brain, 7S

Role of the Renin-Angiotensin-Aldosterone System in Diabetes and Its Vascular Complications, 16S

Should Albuminuria Be a Therapeutic Target in Patients with Hypertension and Diabetes?, 11S

Renin-angiotensin system

Gene Polymorphisms of the Renin-Angiotensin System and Age-Related Changes in Systolic and Diastolic Blood Pressure in Subjects with Hypertension, 321

Involvement of Oxidative Stress in the Profibrotic Action of Aldosterone, 597

Resistive index

Intrarenal and Carotid Hemodynamics in Patients with Essential Hypertension, 240

Resnick, Lawrence Malcom, 727**Respiratory exercise**

Nonpharmacologic Treatment of Hypertension by Respiratory Exercise in the Home Setting, 370

Rho guanine nucleotide exchange factor

Increased Expression of mRNA for Regulator of G Protein Signaling Domain-containing Rho Guanine Nucleotide Exchange Factors in Aorta from Stroke-Prone Spontaneously Hypertensive Rats, 981

Rosiglitazone

Beneficial and deleterious Effects of Rosiglitazone on Hypertension Development in Spontaneously Hypertensive Rats, 749

S**Salt**

Female Sex Hormones, Salt, and Blood Pressure Regulation, 994

Salt-sensitive hypertension

Enhanced Heme Oxygenase-Mediated Coronary Vasodilation in Dahl Salt-Sensitive Hypertension, 25

Role of Oxidative Stress in Salt-induced Hypertension, 31

Salt sensitivity

Alpha-Adducin G460W Polymorphism, Urinary Sodium Excretion, and Blood Pressure in Community-Based Samples, 385

Salt Sensitivity and 11 β -Hydroxysteroid Dehydrogenase Type 2 Activity (letter), 283

Scientific misconduct

Plagiarism and Scientific Misconduct (editorial), 1077

Scientific reporting

"Reliability" of Scientific Reporting: a question of ethics (letter), 1078

Serum creatinine

Linkage of Serum Creatinine and Glomerular Filtration Rate to Chromosome 2 in Utah Pedigrees, 511

Sex hormones

Female Sex Hormones, Salt, and Blood Pressure Regulation, 994

Sexuality

Effect of Valsartan and Atenolol on Sexual Behavior in Hypertensive Postmenopausal Women, 77

Sildenafil

Erectile Dysfunction in Essential Arterial Hypertension and Effects of Sildenafil: Results of a Spanish National Study, 139

Sildenafil Citrate for Erectile Dysfunction in Men Receiving Multiple Antihypertensive Agents, 1135

Type 5 Phosphodiesterase Inhibition by Sildenafil Abrogates Acute Smoking-Induced Endothelial Dysfunction, 1040

Single nucleotide polymorphisms

Angiotensinogen Gene Polymorphisms: Relationship to Blood Pressure Response to Antihypertensive Treatment, 8

Sleep apnea

Erythropoietin and Obstructive Sleep Apnea, 783

Sleep-disordered breathing

Nocturnal Onset Ischemic Stroke Provoked by Sleep-Disordered Breathing Advanced with Congestive Heart Failure, 636

Sleepiness

Relationship Between Daytime Sleepiness and Blood Pressure in Healthy Older Adults, 787

Small artery elastic index

Influence of Age and Hypertension on the Association Between Small Artery Compliance and Coronary Artery Disease, 1188

Smoking

Cigar Smoking Has an Acute Detrimental Effect on Arterial Stiffness, 299
Type 5 Phosphodiesterase Inhibition by Sildenafil Abrogates Acute Smoking-Induced Endothelial Dysfunction, 1040

Smooth muscle cells

Cyclic Strain Stimulates L-Proline Transport in Vascular Smooth Muscle Cells, 712

Sodium

Alpha-Adducin G460W Polymorphism, Urinary Sodium Excretion, and Blood Pressure in Community-Based Samples, 385

Effect of Sodium on Blood Pressure, Cardiac Hypertrophy, and Angiotensin Receptor Expression in Rats, 21

One-Year Follow-Up Study of Blood Pressure and Dietary Patterns in Dietary Approaches to Stop Hypertension (DASH)-Sodium Participants, 1156

Sodium excretion

Cross-Sectional Relations of Urinary Sodium Excretion to Cardiac Structure and Hypertrophy, 891

Sour milk

Randomized Controlled Trial of Sour Milk on Blood Pressure in Borderline Hypertensive Men, 701

Spironolactone

Spironolactone for the Treatment of Isolated Systolic Hypertension (letter), 284

Spontaneously hypertensive rats

Aquaporin-2 Water Channels in Spontaneously Hypertensive Rats, 1170
Beneficial and Deleterious Effects of Rosiglitazone on Hypertension Development in Spontaneously Hypertensive Rats, 749

Cardiovascular and Renal Effects of a Collagen Cross-Link Breaker (ALT 711) in Adult and Aged Spontaneously Hypertensive Rats, 328

Effects of Early Carvedilol Treatment and Withdrawal on the Development of

Hypertension and Renal Vascular Narrowing, 161

Expression of Heme Oxygenase-1 and Inducible Nitric Oxide Synthase in Aorta During the Development of Hypertension in Spontaneously Hypertensive Rats, 1127**Increased Calcium and Decreased Magnesium Concentrations and an Increased Calcium/Magnesium Ratio in Spontaneously Hypertensive Rats Versus Wistar-Kyoto Rats: Relation to Arteriosclerosis, 59****Increased Expression of mRNA for Regulator of G Protein Signaling Domain-containing Rho Guanine Nucleotide Exchange Factors in Aorta from Stroke-Prone Spontaneously Hypertensive Rats, 981****Inhibitory Effect of Melatonin on α_1 -Adrenergic-Induced Vasoconstriction in Mesenteric Beds of Spontaneously Hypertensive Rats, 339****Protection of Cavernous Tissue in Male Spontaneously Hypertensive Rats, 516****Regulation of Parathyroid Hypertensive Factor Secretion by Ca^{2+} in Spontaneously Hypertensive Rat Parathyroid Cells, 266****Treatment by N-Acetylcysteine and Melatonin Increases Cardiac Baroreflex and Improves Antioxidant Reserve, 947****Statins**

Effect of Statins on Angiotensin II-Induced Hemodynamic Changes in Young, Mildly Hypercholesterolemic Men, 1120

Stenosis

Association of Blunted Nighttime Blood Pressure Dipping with Coronary Artery Stenosis in Men, 977

Stress

Relationship to Body Composition to Stress-Induced Pressure Natriuresis in Youth, 1023

Stroke

Calcium Channel Blockade to Prevent Stroke in Hypertension, 817

Increased Expression of mRNA for Regulator of G Protein Signaling Domain-containing Rho Guanine Nucleotide Exchange Factors in Aorta from Stroke-Prone Spontaneously Hypertensive Rats, 981

Nocturnal Onset Ischemic Stroke Provoked by Sleep-Disordered Breathing Advanced with Congestive Heart Failure, 636

In the Search for Stroke Genes: A Long and Winding Road, 197

Sleep Pulse Pressure and Awake Mean Pressure as Independent Predictors for Stroke in Older Hypertensive Patients, 439

Superoxide dismutase

Overexpression of Cu/Zn-Superoxide Dismutase and/or Catalase in Mice Inhibits Aorta Smooth Muscle Cell Proliferation, 450

Sympathetic nervous system

Blood Pressure and Cardiac Autonomic Nervous System in Obese Type 2 Diabetic Patients: Effect of Metformin Administration, 223

Is Arterial Stiffness a Contributing Factor to Atrial Fibrillation in Patients with Hypertension? A Preliminary Investigation, 213

Perindopril Effects on Ambulatory Blood Pressure: Relation to Sympathetic Nervous Activity in Subjects with Diabetic Nephropathy, 14

Sympathoneuronal responses

Reduced Sympathoneuronal Responses to the Cold Pressor Test in Individuals with Essential Hypertension and in Those Genetically Predisposed to Hypertension, 863

Systolic blood pressure

Effects of Olmesartan Medoxomil on Systolic Blood Pressure and Pulse Pressure in the Management of Hypertension, 690

Fractional Diastolic and Systolic Pressure in the Ascending Aorta Are Related to the Extent of Coronary Artery Disease, 641

Pulse Pressure Is More Susceptible to the White Coat Effect Than Is Systolic Blood Pressure, 535

Systolic blood pressure, 49S

Vascular Stiffening and Arterial Compliance, 39S

T**Target organ damage**

Chest radiograph, 507

Nitric Oxide Synthase Inhibition Accelerates the Pressor Response to Low-Dose Angiotensin II, Exacerbates Target Organ Damage, and Induces Renin Escape, 395

Telmisartan

Effects of the Angiotensin II Receptor Blockers Telmisartan Versus Valsartan on the Circadian Variation of Blood Pressure, 347

Tempol

Antioxidant Tempol Prevents and Partially Reverses Dexamethasone-Induced Hypertension in the Rat, 260

Thiazide diuretics

Antihypertensive Medication Use in the Department of Veterans Affairs, 1095

Tissue Doppler imaging

Left Ventricular Hypertrophy and Its Regression in Essential Arterial Hypertension, 882

Tissue inhibitor of metalloproteinase-1

Matrix Metalloproteinase-9 and Tissue Inhibitor of Metalloproteinase-1 in Hypertension and Their

Relationship to Cardiovascular Risk and Treatment, 764

Tissue Inhibitor of Metalloproteinase-1 and Matrix Metalloproteinase-9 Levels in Patients with Hypertension, 770

Transfer function

Validation of the Transfer Function Technique for Generating Central from Peripheral Upper Limb Pressure Waveform, 1059

Transforming growth factor- β_1

Transforming Growth Factor- β_1 (TGF- β_1) in Plasma Is Associated with Preeclampsia Risk in Peruvian Women with Systemic Inflammation, 334

U**Urinary excretion**

Alpha-Adducin G460W Polymorphism, Urinary Sodium Excretion, and Blood Pressure in Community-Based Samples, 385

Urinary sodium excretion

Cross-Sectional Relations of Urinary Sodium Excretion to Cardiac Structure and Hypertrophy, 891

V**Valsartan**

Comparison of Valsartan and Amlodipine on Ambulatory and Morning Blood Pressure in Hypertensive Patients, 112

Effect of Valsartan and Atenolol on Sexual Behavior in Hypertensive Postmenopausal Women, 77

Effects of the Angiotensin II Receptor Blockers Telmisartan Versus Valsartan on the Circadian Variation of Blood Pressure, 347

Effects of the Angiotensin-1 Receptor Blocker Valsartan Compared with Amlodipine on Renal Hemodynamics (letter), 638

Effects of Valsartan and Nifedipine Coat-Core on Systemic Arterial Stiffness in Hypertensive Patients, 1050

Vascular smooth muscle cells

Cyclic Strain Stimulates L-Proline Transport in Vascular Smooth Muscle Cells, 712

Overexpression of Cu/Zn-Superoxide Dismutase and/or Catalase in Mice Inhibits Aorta Smooth Muscle Cell Proliferation, 450

Role of Putative Membrane Receptors in the Effects of Estradiol on Human Vascular Cell Growth, 462

Vasoconstriction

Inhibitory Effect of Melatonin on α_1 -Adrenergic-Induced Vasoconstriction in Mesenteric Beds of Spontaneously Hypertensive Rats, 339

von Hippel-Lindau gene

Familial Isolated Pheochromocytoma Presenting a New Mutation in the von Hippel-Lindau Gene, 1107

W**White blood cell count**

Relationship Between White Blood Cell Count and Incident Hypertension, 233
Relationship Between White Blood Cell Count and Incident Hypertension (letter), 861

White coat hypertension

Cardiovascular and Renal Events in Uncomplicated Mild Hypertensive Patients with Sustained and White Coat Hypertension, 876
Frequent Nurse Visits Decrease White Coat Effect in Stage III Hypertension, 523
Pulse Pressure Is More Susceptible to the White Coat Effect Than Is Systolic Blood Pressure, 535
Relationship Between Insulin Resistance and End-Organ Damage in White Coat Hypertension, 1011
White Coat Effect in Treated Versus Untreated Hypertensive Individuals: A Case-control Study Using Ambulatory and Home Blood Pressure Monitoring, 124

White matter lesions

Silent Cerebral White Matter Lesions and Cognitive Function in Middle-Aged Essential Hypertensive Patients, 529

Wistar-Kyoto rats

Increased Calcium and Decreased Magnesium Concentrations and an Increased

Calcium/Magnesium Ratio in Spontaneously Hypertensive Rats Versus Wistar-Kyoto Rats: Relation to Arteriosclerosis, 59

Inhibitory Effect of Melatonin on α_1 -Adrenergic-Induced Vasoconstriction in Mesenteric Beds of Spontaneously Hypertensive Rats, 339

WNK4

Three Novel Missense Mutations of WNK4, a Kinase Mutated in Inherited Hypertension, in Japanese Hypertensives, 446

Women

Effect of Valsartan and Atenolol on Sexual Behavior in Hypertensive Postmenopausal Women, 77
Hypertension in Women, 82
Prospective Study of Maternal Serum C-reactive Protein Concentrations and Risk of Preeclampsia, 154
Susceptibility of the Influence of Weight on Blood Pressure in Men Versus Women, 404
Transforming Growth Factor- β_1 (TGF- β_1) in Plasma Is Associated with Preeclampsia Risk in Peruvian Women with Systemic Inflammation, 334

Y**Young adults**

Characteristics of Hypertension in Young Adults with Autosomal Dominant Polycystic Kidney Disease Compared with the General U.S. Population, 1029

Youths

Relationship to Body Composition to Stress-Induced Pressure Natriuresis in Youth, 1023

Author Index**A**

Abukhalaf, I. K., 31, 560, 743
 Accurso, V., 783
 Adji, A., 1059
 Aggeli, C., 273
 Ahn, J., 328
 Akinboboye, O. O., 433
 Alamara, C. V., 869
 Albers, F., 50
 Albert, K. S., 734
 Alderman, M. H., 1, 1068
 Alexopoulos, N., 299, 1040
 Alimo, A., 483
 Aloisi, C., 1170
 Amiri, F., 597
 Ancoli-Israel, S., 787
 Anderson, A., 118
 Andrews, M. C., 457
 Angeli, F., 817
 Anstadt, M. P., 775
 Antoniadis, D., 470
 Aoi, N., 1045
 Aran, Sinan N., 1011
 Aranda, P., 139
 Arapogianni, A. N., 582
 Arcona, S., 915
 Ard, J. D., 1156
 Ardigo, D., 549
 Argyraki, C. K., 124
 Arnett, D. K., 828, 839
 Asayama, K., 1005
 Asmar, R., 245
 Avram, M. M., 380
 Aznaouridis, K. A., 582, 1040
 Aznar, J., 757

B

Bacher, A. C., 314
 Bailey, K. R., 845
 Bakris, G. L., 23S, 590, 793
 Balbi, A. L., 1163
 Bandura, A., 921
 Bank, A. J., 23S
 Barba, G., 718
 Barbagallo, M., 223
 Barenbrock, M., 59
 Baritono, E., 604
 Barnes, V. A., 366

Baron, M., 495
 Barontini, M., 1107
 Barreto-Filho, J. A. S., 523

Barretti, B. B., 1163
 Barsanti, R., 1163
 Bartels, N. K., 1081
 Batchelor, A., 134
 Battegay, E., 245, 660
 Battleman, D., 676
 Bayorh, M. A., 31, 743
 Baz, M., 462
 Bazul, V., 334

Beevers, D. G., 764
 Beige, J., 1184
 Belalcazar, A., 647
 Bella, J. N., 828
 Belletti, D. A., 915
 Bellmann, A., 1184
 Ben-Arie, L., 535
 Ben-Dov, I. Z., 535
 Benetos, A., 129, 321
 Benishin, C. G., 266
 Benjafield, A. V., 624
 Benjamin, E. J., 891
 Ben-Noun, L. (Loubia), 409

Bentivoglio, M., 817
 Berenson, G. S., 553
 Bergmann, S. R., 433
 Bertram, D., 118
 Best, J. D., 285
 Bielak, L. F., 845
 Bisognano, J., 676
 Bittlinsky, A., 1081
 Blacher, J., 1088
 Black, H. R., 103
 Blann, A. D., 764
 Blaustein, D. A., 380
 Bloom, R. D., 209
 Blumenfeld, J. D., 1002, 1077

Blumenthal, J. A., 43
 Boehler, S., 904
 Boerwinkle, E., 553, 834, 845
 Bohannon, K., 734
 Bond, M. G., 553
 Börgel, J., 1081
 Bots, M. L., 941
 Braith, R. W., 540
 Bramlage, P., 904
 Brown, M. J., 292

Bruinse, H. W., 941
 Bryniarski, L., 641
 Brzozowska-Kiszka, M., 641
 Bucci, A., 876, 1035
 Büchner, N., 1081
 Buemi, M., 1170
 Burnier, M., 994
 Bursztyn, M., 535
 Butler, C. L., 574

C

Cadée, J. A., 1056
 Calapai, G., 1170
 Calò, L., 604
 Calvo, C., 139
 Camargo, A. L. R. F., 523
 Camp, N. J., 511
 Candy, G. P., 428
 Cao, G., 172
 Capra, A., 370
 Caramori, J. T., 1163
 Caravelli, P., 882
 Carneado, J., 146
 Carter, B. L., 421
 Catanzaro, D. F., 203, 395, 1077

Cavallaro, E., 1170
 Cawthon, R. M., 511
 Ceolotto, G., 604
 Chamontin, B., 245
 Chan, J. Y. H., 63
 Chase, G. A., 1100
 Chaves, J., 809
 Chen, J.-J., 1127
 Chen, R., 395
 Chen, W., 553
 Cheng, P.-Y., 1127
 Chilukuri, M., 43
 Chou, R.-L., 433
 Chrischilles, E., 421
 Chrysant, S. G., 252, 590
 Chrysohoou, C., 568
 Chulak, C., 947
 Ciccarello, L., 604
 Coca, A., 139, 529, 696
 Coffman, C. J., 1156
 Cohen, D. L., 209
 Cohen, H. W., 1
 Cohn, J. N., 134, 647
 Cokkinos, D. V., 582
 Colucci, W. S., 188

Consolin-Colombo, F. M., 523
 Coon, H., 511
 Cooper, M. E., 16S, 31S
 Cooper, R., 834, 963
 Corica, F., 1170
 Corradi, L., 77
 Croft, K. D., 260
 Cuccurullo, F., 876, 1035
 Cui, J., 629
 Cui, R., 385
 Cui, T.-X., 684
 Cunningham, F., 1095
 Czarnecka, D., 641

D

Dacou-Voutetakis, C., 869
 D'Agostino, R. B. Sr., 891
 Dahlöf, B., 793
 Danchin, N., 129
 Dancy, M., 483
 Davidai, G., 347
 Davison, D., 783
 de Champlain, J., 339, 749, 947
 de Figueiredo, C. E. P., 194
 de la Sierra, A., 529
 de la Sierra, A., 696
 De Leeuw, P. W., 245, 660
 de Luca, N., 660
 De Miguel, A. G., 139
 De Paolis, P., 197
 de Ridder, M. A. J., 936
 de Simone, G., 828
 de Zeeuw, D., 11S
 Debusk, R. F., 921
 Della Valle, E., 718
 Dell'Anna, R., 882
 Delles, C., 1120
 Dell'Osso, G., 882
 Demicheli, T., 129
 Denault, C., 947
 DeRegis, J. R., 314
 DeRosa, G., 172
 Derosa, G., 823
 Devereux, R. B., 828
 Dhingra, R., 891
 Di Bello, V., 882
 Di Cori, A., 882

Di Gennaro, F., 172
 Di Iorio, A., 876
 Di Pasquale, G., 1170
 Diez-Roux, A., 963
 Dimitriadis, K., 470
 Ding, J., 971
 Dirican, A., 1011
 Dishy, V., 391
 Djousse, L., 839
 Dobrosielski, D. A., 314
 Dong, V., 134
 Donne, M. G. D., 882
 Dorrance, A. M., 981
 Dragan, J., 641
 Dudek, D., 641
 Duenwald, C. J., 74
 Duka, A., 629
 Dullaart, R. P. F., 283
 Duprez, D. A., 245, 647,
 660
 Durante, W., 25, 712
 Dusek, J., 415

E

Eatman, D., 743
 Economou, E., 273
 Edmonds, L., 1023
 Edwards, D. G., 540
 Efstatouli, S. P., 124
 Egan, B. M., 477
 Eguchi, K., 112, 439, 668
 Ehlert, U., 489
 Eide, I., 611
 Elhendy, A., 977
 Ellis, D., 928
 El-Sayed, M. A., 977
 Elvan-Taspinar, A., 941
 Enquobahrie, D. A., 574
 Ensenat, D., 712
 Epstein, M., 638
 Ergul, A., 775
 Esposito, K., 223
 Essop, M. R., 428
 Evans, C., 1023

F

Failla, M., 370
 Falzone, R., 292
 Farinaro, E., 718
 Ferder, L., 516
 Finkelstein, S., 647
 Fischer, J. E., 489
 Fleg, J. L., 314
 Fleischmann, E. H., 1120
 Floccari, F., 1170

Flögelová, H., 415
 Fogari, E., 823
 Fogari, R., 77, 823
 Forcada, P., 172
 Ford, V., 1056
 Fossum, E., 611
 Franco, J., 775
 Franco, R. J. S., 1163
 Franklin, S. S., 49S
 Franx, A., 941
 Frederick, I. O., 574
 Frey, K., 489
 Frisina, N., 1170
 Frohlich, E. D., 328
 Fuchs, F. D., 50
 Fuchs, S. C., 50
 Fujii, H., 802
 Fukuoka, T., 240
 Furberg, C. D., 1068

G

Gabriel, F., 757
 Gallagher, D., 1059
 Galletti, F., 718
 Gana, T. J., 734
 Ganafa, A. A., 31, 743
 Gao, X.-r., 654
 Garcia, S., 1163
 García-Morillo, S., 146
 Garza, D., 676
 Gasic, S., 100
 Gattobigio, R., 817
 Gavras, H., 98, 629, 1163
 Gavras, I., 1163
 Gayer, B., 462
 Gebner, R., 1184
 Geier, P., 415
 Gentile, G., 370
 Giannattasio, C., 370
 Gigante, B., 197
 Giles, T. D., 690
 Gillis, D., 1023
 Giner, V., 809
 Giorgi, D. M. A., 523,
 882
 Giroard, H., 339, 947
 Giugliano, D., 223
 Glasser, D. B., 1135
 Glasser, S., 647
 Goff, D., 963
 Goldstein, I. B., 787
 Gómez-Angelats, E., 529,
 696
 Gomi, T., 502
 Goodman, H., 507
 Graham, L. N., 217

Graves, J. W., 354
 Greenwald, G., 921
 Grella, R., 223
 Gremmler, B., 59
 Griendling, K. K., 852
 Grobbee, D. E., 936
 Grossman, E., 404
 Grotto, I., 404
 Gu, D., 955
 Guerra-Ricco, G. M.,
 523
 Guiral, V., 757
 Guo, W., 134
 Guo, Z., 450
 Gus, M., 50

H

Haketa, A., 1045
 Han, C., 963
 Hanevold, C., 1023
 Harano, Y., 228
 Harris, T. B., 971
 Harshfield, G. A., 1023
 Hasegawa, K., 14
 Hasegawa, M., 181
 Hashimoto, J., 1005
 Hasstedt, S. J., 511
 Hatzizacharias, A. N.,
 911
 Hausberg, M., 59
 Hayase, N., 421
 Hayashi, T., 1151
 Hazama, A., 181
 He, J., 955
 Heaney, R. P., 88
 Heinz-Peer, G., 100
 Heiss, G., 839
 Henry, D., 103
 Høieggen, A., 611
 Higaki, J., 240
 Hinderliter, A. L., 43
 Hinman, D. J., 252
 Hirata, Y., 729
 Hirose, K., 729
 Hitzenberger, G., 245,
 660

Hiuge, A., 228, 802
 Hlatshwayo, N. M., 428
 Hoefer, M., 904
 Hoffman, M. S., 74
 Hofman, A., 936
 Hollenberg, N. K., 21S,
 638
 Hopkins, P. N., 511, 828
 Horio, T., 228, 446, 802
 Horuchi, M., 684

Hoshi, H., 1005
 Hoshide, S., 112, 439,
 668
 Hoshide, Y., 112, 668
 Howng, S.-L., 63
 Hozawa, A., 1005
 Hsiao, M., 63
 Hsieh, P.-S., 707
 Hu, L., 395
 Huang, J., 955
 Huerta, M., 404
 Huesing, A., 1081
 Hunt, S. C., 511, 834,
 839
 Hutchinson, J., 775

I

Iacone, R., 718
 Ideishi, M., 1188
 Igbo-Pemu, P., 560
 Iglarz, M., 597
 Ikeda, T., 502
 Imai, Y., 1005
 Inagaki, K., 546
 Inserra, F., 516
 Iradi, A., 809
 Ishikawa, J., 112, 439,
 668
 Ishikawa, S., 112, 439
 Iso, H., 385
 Ito, M., 684
 Iwai, M., 684
 Iwasawa, K., 729
 Izumi, Y., 1045

J

Jackson, R., 1068
 Jaimes, E. A., 167
 Jamerson, K. A., 495,
 793
 Janda, J., 415
 Jankowski, P., 641
 Janosky, J. E., 928
 Januszewicz, A., 544
 Jean-Louis, L., 495
 Jenkins, A. J., 285
 Jesri, A., 477
 Jin, L., 981
 Jin, Y.-f., 654
 Jinagouda, S., 963
 John, S., 1120
 Johnson, A. M., 1029
 Johnson, F. K., 25, 712
 Johnson, M. H., 366

Johnson, R. A., 25
Julius, S., 134

K

Kachope, J., 428
Kadowaki, T., 701
Kahan, T., 8
Kaiser, D. R., 647
Kalkana, C. B., 869
Kallikazaros, I., 470
Kamide, K., 446, 802
Kanmatsuse, K., 1045
Kapuka, G., 1023
Karalliedde, J., 986
Kardia, S. L. R., 845
Kario, K., 112, 439, 636,
 668, 1075
Karlsson, J., 8
Karpanou, E. A., 582
Karpuz, H., 1011
Kass, D. A., 23S
Kato, H., 1050
Kato, M., 729
Katsudas, S.-I., 181
Katsuki, T., 636
Kaufman, J., 921
Kawano, Y., 446, 802
Kawecka-Jaszcz, K., 641
Kelemen, M. D., 314
Kelleher, C. L., 1029
Kerstens, M. N., 283
Kerstetter, D. L., 188
Keskin, F., 1081
Kikuya, M., 1005
Kimura, M., 701, 1188
Kirch, W., 904
Kishida, M., 546
Kisters, K., 59
Kitaura, Y., 1179
Kitzman, D. W., 828
Kjeldsen, S. E., 611
Klecha, A., 641
Klein, B. E. K., 233
Klein, R., 233
Knoll, E., 462
Kobayashi, M., 1112
Kobayashi, S., 502
Koehler, N. R., 194
Kohen, F., 462
Kokubo, Y., 446
Kokubun, S., 1045
Koller, A., 100
Koomans, H. A., 941
Kopec, G., 641
Kosch, M., 59
Kostis, J. B., 103, 1068

Kosuge, K., 1045
Kraemer, H. C., 921
Kramer, H., 963
Kratzik, C., 100
Krefting, E.-R., 59
Krespi, P. G., 911
Krieger, E. M., 523
Kritchevsky, S. B., 971
Kubo, Y., 1179
Kudo, M., 385
Kuji, T., 14
Kulik, T., 462
Kullo, I. J., 845
Kumbar, L., 380
Küper, H., 59
Kurland, L., 8
Kurtaran, A., 100
Kusanagi, M., 181

L

Labiós, M., 757
Lacourciere, Y., 347
Lagast, H., 134
Lajemi, M., 321
Landau, R., 391
Lanfranchi, P., 783
Lankford, B., 560
Laor, A., 409
Lapenna, D., 876, 1035
Lapu-Bula, R., 560
Laragh, J. H., 1, 203,
 395, 1068, 1077
Larson, M. G., 891
Lasaridis, A. N., 640
Lassègue, B., 852
Lauri, J., 118
Lazzari, P., 823
Lefkowitz, M., 793
Lehnert, H., 904
Leisenring, W. M., 154
Leoni, M., 604
Levin, G., 1107
Levy, D., 891
Levy, E., 103
Lewis, C. E., 834
Li, R., 560
Li, S., 553
Libhaber, C. D., 428
Libhaber, E. N., 428
Liljedahl, U., 8
Limor, R., 462
Lin, P.-H., 1156
Lind, L., 8
Lip, G. Y. H., 764, 770
Liu, D., 21
Liu, G., 560

Liu, G.-S., 63
Liu, H.-W., 684
Liu, J. E., 828
Liu, L., 654
Liu, W., 1100
Lo, W.-C., 63
Lopes, H. F., 523
Lopez, J., 1095
Lopez-Sublet, M., 129
Lozano, J. V., 809
Lu, Z.-r., 619
Luke, A., 834
Lund, B. C., 421
Luque, M., 139
Luthy, D. A., 154, 574
Lyn, D., 560

M

Ma, H., 654
MacFadyen, R. J., 764,
 770
Machida, N., 181, 1112
MacKey, L., 1023
Mackintosh, A. F., 217
Madden, N. A., 915
Madias, J. E., 897
Magyrai, P. M., 540
Majernick, T. G., 915
Makino, H., 546
Makris, T. A., 911
Mallion, J.-M., 245, 660
Malmqvist, K., 8
Mancia, G., 370, 696,
 1135
Manente, B. M., 1035
Manfreda, S., 793
Mannami, T., 446
Manolis, A., 629
Mansoor, G. A., 1017
Manzella, D., 223
Mariani, M., 882
Marinakis, A. G., 582
Martin, L. C., 1163
Mart'nez, M., 757
Mary, D. A. S. G., 217
Matsumoto, A., 729
Matsumoto, K., 1045
Matsuoka, K., 502
Matusbara, B. B., 1163
Mazza, O. N., 516
Mazze, R. S., 1078
McCarron, D. A., 88, 727
McConnell, J. P., 845
McFadden, C. B., 1056
McFann, K. K., 1029

McKenzie, K. U. S., 260,
 457
McLaughlin, T., 676
Meier, J., 1095
Meigs, J. B., 891
Mekler, J., 535
Meles, E., 370
Melhus, H., 8
Mendes-Ribeiro, A. C.,
 194
Merali, C., 395
Metoki, H., 1005
Mezzetti, A., 876, 1035
Miller, N. H., 921
Miller, R. S., 574
Mimura, Y., 546
Miranda, M. L., 146
Mirelman, D., 71
Miron, T., 71
Mitsuishi, M., 1112
Miwa, Y., 446
Miyashita, H., 181
Miyata, T., 446
Miyoshi, K.-i., 240
Miyoshi, T., 546
Mizushima, S., 701
Moan, A., 611
Monti, L., 549
Moraes, R. S., 50
Moreira, L. B., 50
Morgan, J., 560
Morgan, T., 118
Mori, T. A., 260
Morinari, M., 112, 439,
 636, 668
Moritz, M. L., 928
Moriya, H., 502
Morris, B. J., 624
Morrison, A. C., 834
Morrow, J. D., 477
Mosley, T. H., 834
Motawea, A. K., 977
Motley, E. D., 450
Mountokalakis, T. D.,
 124, 869
Mourad, J.-J., 129, 1088
Mousa, T., 977
Mugellini, A., 77, 823
Mügge, A., 1081
Munakata, M., 1050
Muñoz, A., 757
Muntner, P., 955
Murakami, S., 1179
Murata, M., 636
Muy-Rivera, M., 334
Myers, R. H., 839

N

Nadar, S., 764, 770
 Nagai, A., 546
 Nagai, R., 729
 Nagasaki, A., 1050
 Nakajima, T., 729
 Nakamura, Y., 701
 Nakatani, S., 802
 Nakayama, D., 502
 Nakayama, T., 1045
 Nakayama, Y., 1151
 Nashar, K., 477
 Navis, G., 283
 Nelson, C. L., 285
 Neri, M., 876
 Neutel, J., 134
 Neutel, J. M., 23S, 37
 Nevitt, M., 971
 Newman, A., 971
 Nguyen, J. P., 477
 Nichols, W. M., 540
 Nishio, I., 375, 1143
 Nkemdechi, S., 560
 Noda, K., 1188
 Norton, G. R., 428
 Nostro, L., 1170
 Nunokawa, t., 1050
 Nwose, O., 495

O

Oberman, A., 828
 O'Brien, E., 245, 660
 Oduwole, A., 560
 Ofili, E., 560
 Ogawa, N., 14
 Ogihara, T., 802
 Ogura, T., 546
 Ohkawa, S.-i., 1179
 Ohkubo, T., 1005
 Ohmori, K., 1005
 Ohshige, K., 701
 Okumura, M., 684
 Okura, T., 240
 Olson, E., 783
 O'Neal, D., 285
 Ooi, H., 188
 Oparil S., 23S
 Opie, L. H., 507
 Orazem, J., 1135
 O'Rourke, M. F., 245,
 299, 660, 721, 1059
 Ortiz, L., 1023
 Otsuka, F., 546
 Otsuka, K., 1179
 Otto, M. E., 74
 Ouyang, P., 314

P

Pacetti, E., 549
 Pack, C., 560
 Packer, M., 103
 Padovani, C., 1163
 Paizis, I., 911
 Palagi, C., 882
 Palmieri, V., 828
 Pamies, E., 146
 Panagiotakos, D. B., 299,
 568, 1040
 Paolosso, G., 223
 Papadopoulos, D. P., 911
 Papazachou, O. G., 911
 Papparella, I., 604
 Parati, G., 696
 Paschalidis-Purtak, K., 544
 Pascual, L. G., 734
 Pasotti, C., 77
 Patterson, R., 647
 Pechère-Bertschi, A., 994
 Pedrinelli, R., 882
 Peleg, E., 71
 Pencina, M. J., 891
 Perk, G., 535
 Peyser, P. A., 845
 Peyton, K. J., 25
 Piatti, P. M., 549
 Pickering, T. G., 668,
 1135
 Pierdomenico, S. D., 876,
 1035
 Pirich, C., 100
 Pitsavos, C., 273, 568
 Pitt, B., 793
 Pittrow, D., 904
 Porcellati, C., 817
 Portik-Dobos, V., 775
 Posnik-Urbanska, A., 641
 Post, W., 963
 Prejbisz, A., 544
 Preston, R. A., 23S
 Preti, P., 77
 Prior, D. L., 285
 Province, M. A., 839
 Psaty, B. M., 1068
 Puane, M. O., 428
 Pucilowska, B., 544
 Puddey, I., 1135
 Purkayastha, D., 495

Q

Qiu, C., 154, 334

R

Rabinkov, A., 71
 Ragone, E., 718
 Rahn, K.-H., 245, 660
 Raji, L., 167
 Rakugi, H., 802
 Ram, C. V. S., 277
 Rao, D. C., 828
 Rayner, B. L., 507
 Reaven, G. M., 549
 Reboldi, G. P., 817
 Redón, J., 809
 Reiffel, J. A., 213
 Reims, H. M., 611
 Resnick, L. M., 203
 Reyna, S. V., 712
 Rifai, N., 891
 Rinaldi, A., 77, 823
 Roberts, C. S., 676
 Robinson, T. D., 690
 Rodríguez-Puras, M. J.,
 146
 Romero, R., 245, 660
 Rosenthal, T., 71
 Rossi, P. C., 549
 Roussias, L. G., 124
 Rubattu, S., 197
 Rudaz, M. C. G., 1107
 Rudd, P., 921
 Rudnicki, A., 321, 1088
 Ruello, A., 1170
 Ruilope, L. M., 139, 1068
 Rump, L. C., 1081
 Rupp, H., 281
 Russo, O., 718

S

Sáez, G. T., 809
 Safar, M. E., 82, 129,
 245, 321, 660, 724,
 1088
 Saku, K., 1188
 Sakuma, T., 1050
 Sakurai, J., 502
 Salama, M. A., 977
 Salamero, M., 529
 Salmasi, A.-M., 483
 Sam, F., 188
 Sanchez, S. E., 334
 Sanner, B. M., 1081
 Sansó, G., 1107
 Sareli, P., 428
 Sartori, M., 604
 Sato, M., 1045
 Sato, N., 1045
 Satoh, H., 1005

Schafer, A. I., 712
 Schiffrin, E. L., 39S, 597,
 1192
 Schmidt, B. M. W., 1120
 Schmieder, R. E., 103,
 1120
 Schneider, M. P., 1120
 Schofield, L., 495
 Schofield, R. S., 540
 Schrier, R. W., 1029
 Schwartz, B., 676
 Schwartz, F., 629
 Schyvens, C. G., 260,
 457
 Sealey, J. E., 1, 203, 395
 Seeman, T., 415
 Semplicin, A., 604
 Sever, P., 660
 Shamsuzzaman, A., 783
 Shankar, A., 233
 Shapiro, D., 787
 Shapiro, E. P., 314
 Sharabi, Y., 404
 Sharma, A. M., 904, 1184
 Sharon, O., 462
 Shea, S., 963
 Sheedy, P. F. II, 845
 Shen, Y., 134
 Shepherd, A. M. M.,
 1135
 Sheps, S. G., 354
 Sherman, N., 1135
 Sherwood, A., 43
 Shi, M., 450
 Shi, Y., 395
 Shibuya, Y., 502
 Shimada, K., 112, 439,
 636
 Shimada, Y., 668
 Shimamoto, T., 385
 Shimura, G., 14
 Shinagawa, M., 1179
 Shiuchi, T., 684
 Siani, A., 718
 Sica, D. A., 734
 Siegel, D., 1095
 Sierra, C., 529, 696
 Silber, H. A., 314
 Silva, A. F., 50
 Silvestrov, N., 31, 560
 Singh, K., 188
 Singh, M., 188
 Skoumas, J., 568
 Sliwa, K., 428
 Smiley, R. M., 391
 Smith, D. H. G., 37
 Smith, P. A., 217

Smulyan, H., 82, 724
 Sobrino, J., 529
 Socci, R. R., 31
 Soma, M., 1045
 Somers, V. K., 74, 783
 Somjen, D., 462
 Song, Q., 560
 Sowers, J. R., 2S
 Srinivasan, S. R., 553
 Srivastava, M., 380
 Staessen, J. A., 817
 Standridge, J. B., 361
 Stanzone, R., 197
 Stavroulakis, G. A., 911
 Stefanadis, C., 273, 299,
 470, 568, 1040
 Stefanadis, C. I., 582
 Stefanidis, C. J., 869
 Stein, C. M., 391
 Stella, I., 516
 Stergiou, G. S., 124, 869
 Stern, N., 462
 Stewart, K. J., 314
 Stiefel, P., 146
 Stoker, J. B., 217
 Strazzullo, P., 718
 Strazzullo, V., 718
 Stump, C. S., 2S
 Sturiale, A., 1170
 Su, S., 955
 Sugiura, S., 729
 Sun, F., 629
 Sung, J., 314
 Susic, D., 328
 Sutherland, S. K., 266
 Sutton-Tyrrell, K., 971
 Suzuki, J., 546
 Suzuki, K., 228
 Suzuki, M., 228
 Svatikova, A., 74
 Svetkey, L. P., 1156
 Syvänen, A.-C., 8

T
 Tai, M.-H., 63
 Takahashi, Y., 502
 Takamisawa, I., 228
 Takeda, M., 546
 Takeda-Matsubara, Y.,
 684
 Takenaka, K., 729
 Takeuchi, K., 1188
 Takiuchi, S., 446, 802
 Talini, E., 882
 Tanaka, C., 446

Tang, R., 553
 Tang, S., 676
 Tanigawa, T., 385
 Tao, J., 654
 Tarasi, D., 197
 Tashiro, T., 1188
 Tayebjee, M. H., 764,
 770
 Tepel, M., 21
 Teran, F. J., 25
 Toblli, J. E., 172, 516
 Tochikubo, O., 14, 701
 Tokmak, F., 59
 Tomoike, H., 446
 Tormos, C., 809
 Toto, R. D., 7S
 Toutouza, M., 273
 Toutouza, P., 273
 Touyz, R. M., 597
 Townsend, R. R., 209,
 1056
 Toyota, T., 1050
 Treiber, F. A., 366
 Trimarco, B., 660
 Tsekoura, D., 1040
 Tseng, C.-J., 63
 Tsiofis, C., 470
 Tsiofis, K., 273
 Tsuda, K., 375, 382, 1143
 Tsuji, I., 1005
 Tsumura, K., 1151
 Tunckale, A., 1011
 Turlapaty, P., 134
 Turner, K. L., 314
 Turner, S. T., 845

U
 Ueda, H., 1151
 Ueshima, H., 701
 Ugajin, T., 1005
 Uiterwaal, C. S. P. M.,
 936
 Umemura, S., 14
 Unger, T., 904
 Urata, H., 1188
 Urbina, E. M., 553

V
 Vadachkoria, S., 334
 Vaindirlis, I. N., 869
 Vaisse, B., 1088
 van den Elzen, A. P. M.,
 936
 Varagic, J., 328

Vasan, R. S., 891
 Vasiliadou, K., 273
 Vats, A., 928
 Velazquez, E. J., 793
 Verdecchia, P., 817
 Viberti, G., 986
 Viel, E. C., 597
 Villar, J., 146
 Visser, M., 971
 Vlachopoulos, C., 299,
 1040
 Volpe, M., 197, 1068
 von Deutsch, D. A., 560
 von Känel, R., 489
 Vondrák, K., 415
 Votreas, V. V., 911
 Vyssoulis, G. P., 582

W

Waki, H., 181
 Walsh, S. W., 154
 Walton, M., 743
 Wang, A. C., 252
 Wang, F. S., 63
 Wang, H., 712
 Wang, L.-c., 654
 Wang, R., 749
 Wang, W. Y. S., 624
 Wang, X., 21
 Warburton, K. M., 209
 Warren, G., 209
 Watanabe, J., 701
 Watanabe, S., 240
 Waugh, R., 43
 Webb, R. C., 981
 Weber, M., 134
 Weber, M. A., 37, 252,
 793
 Wessels, F., 59

White, W. B., 347, 1017
 Whitwam, W., 647
 Whitworth, J. A., 260,
 457, 861
 Wiehe, M., 50
 Wilchek, M., 71
 Wildman, R. P., 955
 Wilk, J. B., 839
 Williams, M. A., 154,
 334, 574
 Wilson, A. M., 285
 Wilson, M. E., 1023
 Wilson, T. W., 749
 Winnicki, M., 783
 Wirtz, P. H., 489
 Wittchen, H.-U., 904

Witterman, J. C. M., 936
 Wolk, R., 74
 Wood, A. J. J., 391
 Woodiwiss, A. J., 428
 Wright, J. T. Jr., 734
 Wu, L., 749
 Wu, L. L., 511
 Wu, Z., 21
 Wun, C.-C., 793

X

Xie, H.-G., 391
 Xie, Z., 188

Y

Yamagishi, K., 385
 Yamaguchi, J., 1005
 Yamanaka, T., 1179
 Yamane, Y., 1112
 Yamasaki, M., 181
 Yamashita, H., 729
 Yang, H., 450
 Yang, J., 619
 Yang, Y., 21
 Yang, Z., 654
 Yarows, S. A., 54, 284
 Yasuda, G., 14
 Yen, M.-H., 1127
 Ying, Z., 981
 Yoshii, M., 446
 Yoshikawa, J., 1151
 Yoshimaru, K., 1151
 Yoshimasa, Y., 228
 Yoshinaga, K., 1050

Z

Zacker, C., 915
 Zavaroni, I., 549
 Zervoudaki, A., 273
 Zhang, B., 1188
 Zhang, C., 154
 Zhang, M.-j., 619
 Zhang, Y., 260, 457
 Zhao, W., 1100
 Zhou, M.-S., 167
 Zhou, Y., 395
 Zhu, J., 21
 Zhu, S., 21
 Zhu, Z., 21
 Zoppi, A., 77, 823
 Zuccarelli, A., 549
 Zucchelli, G., 882